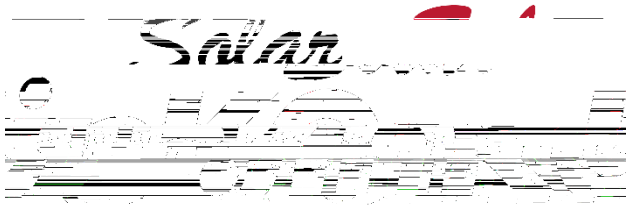
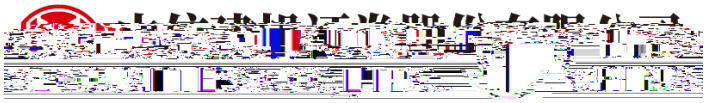


Ḡ ̣ h ̣ ̣



. ‹ ⅄ 66ˇ 4ˇ

ⱶ ⱶⱶ ⅄ⱶ

M ‘E˜

..... 2

1 ˜ G ᵒᵒ 3

2 ˜ G ╟ ת 31

3 ˜ G ĭ 39

4 ˜ G ʒ ⊢ ’ 79

5 ˜ G æ ĭ ˜ 134

6 ˜ G ˜ ´ 160

7 ˜ G ⊢ 185

8 ì ɪ 195

Ḡ r 213

1

1 10GW/

11GW/ 16GW/ 2

P N

N 3

7.5GW 5GW

20GW

1.8GW 2.5GW 2GW

4 93.26% 85.89% 61.52% 83.61%

4.61 4.13 3.20 3.70 5

6 20GW

10GW

1

2

3

4

5

1 - 3

5

( ) 4 - 5

Ů ˩

˚˚ ˚˚ ƈ ǐ ╠ ℑ ˚˚ ƈ ǐ

ᵽ ᵱ ˜

ƴ PERC Ч Ɽ P ɢɢɱ Ѽ Ǝ ʒ

ɐ Ɽ ˚˚ ⌠ ϶ ƴ TOPCon Ч Ɽ N ɢɢɱ G ϶

ɢɢɱ ɣ └ N ɢɢɱ ضي ǐ ă̈ خش n

G ╠ شي Ţ h P ɢɢɱ Ɽ ˜ 2021 U Ѽ Ǝ o ʒ

ɐ N ɢɢɱ ˜ ˩ ϶ N ɢɢɱ TOPCon

2022 Ч N ɢɢɱ TOPCon ˚˚ ʒ. ˝Ḥ ɣ

ʔ ˋE˜ ƶ G ˩ N ɢɢɱ ˚˚ ʒ. N ɢɢɱ G Ѽ ضر β h ˚˚ ƈ Ѽ

Ǝ Ð ą Ⅵ № ˜ № Ч P ɢɢɱ Ð P ɢɢɱ PERC

ɣ N ɢɢɱ Ð N ɢɢɱ TOPCon ˚˚ ˚˚ ƈ

ǐ ╠ ℑ ˚˚ ƈ ’ +e$>B0 1"'H 6#$0)ñ ` e$Y +e$>B0 1"'H 6#$0)ñ t#0xRE•"¶RŽ “ r)9cb2C 1

O	˚˚ ƈ		ᵽ ᵱ ˜
˚˚			
1 ˚˚ 11GW ˚˚ ƴ “ **11GW** ”	N ɢɢɱ TOPCon h G ˚˚ N ɢɢɱ Ð	ą N ɢɢɱ Ţ ɔɛ ˋE˜ 182mm ǐ ƴ	
2 ˚˚ Ѽ Ǝ └ ˋE˜		N ɢɢɱ TOPCon . ⌠ 26.1% ⇔ N ɢɢɱ ˚˚ ⌠ 25% خش PERC G 25% ˚˚ N ɢɢɱ 72 Ð . ˚˚ W ⌠ 575W ˚˚ W 580W P ɢɢɱ Ð ضي ч Ð W ضي ~ 20-25W W 4.5% ƴ ŋ Ѽ TÜV ɣ ˋE˜ Ů 182mm N ɢɢɱ TOPCon Ð ⌠ 23.86% ⇔ r ˋE ˜ N ɢɢɱ ˚˚ ƈ ǐ ˚˚ خش G ʒ Ѽ ضر β	

O ˚ ج ₱ ṕ

ɢ P ᵐᵐ ج N ᵐᵐ ج ʼ ⋮ ᵞ ʏ ʼ

ʊ̈ ᴛ ᴌ ʼEˇ N ᵽ TOPCon ʼ Ð ضي

ᵐ ʼ ᴌ ʒ ɢ شخ ʒ ʼ ضر ʒ ʼ ᴌ ᴛ

╠ N ᵽ TOPCon ˜ ᵐ ʼ ₱ ᵹ ᵽ

ˆ	O	:	'	Ḡ
1	٧ ٧ ▯ تم N قمم لا	لا ٧ ٱ ▯ تم قمم ▯ ٱ تم Ḡ ح ضي ‰ مخ ṗ ٧ ▯ تم ɒ G ʒ ᾠ	G N قمم لا ᵃᵒ	≠ Ḡ
2	N قمم . Ⓟ	ٱ . Ⓟ ، Ⓟ ج ٱ لا β ₮ لا Ð ٱ Ḡ Ð W ˆ ضي ‰ مخ ṗ	G N قمم لا ᵃᵒ	≠ Ḡ
3	N قمم HOT 2.0 ٱ ᵃᵒ ʒ .	ٱ ج ɲ ٢ ٱ ᾠ . ٱ . غ ٱ G 2022 10 ⇔ ʊ N قمم لا . 26.1%	G N قمم ᵃᵒ	≠ Ḡ
4	N قمم BC . ɲ	ٱ ٧ ˝ . لا TOPCon . يح . ɲ . BC ╠ N قمم BC 25.5%	G N قمم ᵃᵒ	≠ Ḡ
5	Tiger Neo Ð ᵃᵒ	ٱ G Tiger Neo Ð ᵃᵒ h ٨ قمم ɲ Ð W غ ˆ ₮ W ˆ 620W 182-78P	G N قمم Ð ᵃᵒ ج ᵃᵒ	≠ Ḡ
6	ᾠ ∃ r .	ٱ ᾠ ∃ ٱ ↓ ᵃᵒ ج ᵯ ▯ شي ˪ . = ˆ ᵃᵒ ج W ضي ʒ ٨ يد ʒ ᾠ ضر ↑ ʐ ´ يد ʒ	G Ð ᵃᵒ ج ▯ شي	≠ Ḡ

ˋEˇ N قمم ٱ Ð ˆ ٱ

G N قمم ᵃᵒ ج Ţ ٱ́ ת ٱ

ת ٱ́ غ ˆ

ˋEˇ ת ᵃᵒ ج IEC61215/IEC61730 UL61730 Ţ يج

Ţ CQC ٱ شي

GW β ٧

ج ٥ فم	№ ٥ '		٥ ٦ ٦ '		
			╠	ת	U
Ð	¨	N	33	16	49
	٧ ٧ يج	P	34	-	34
	¨		67	16	83
	¨	N	24	11	35
	٧ ٤ ˇ	P	20	-	20
	¨		44	11	55
	ا ضم	N	32	-	32
	٧	P	33	-	33
	¨		65	-	65
	ا ضم	N	30	10	40
	٨ ضم ا ٧	P	35	-	35
	¨		65	10	75

╠ ´ ٦ ╠ 7/8 ضي ٥ ת ٦

غج ج ٥ ٧ ٥ تمج ٥ ٦ ٥ ٦ ٥ `E˜ ٥

ذ ضي ŋ ʃ ٥ '

P 35GW 33GW

20GW 34GW P

N

P

N N

30GW 32GW 24GW 33GW

N 40GW 32GW 35GW 49GW N

N

N

ɧ ,, ɪ̆ ɒ ɒ̍ ≠ ɣ ɯ شي

ɪ̆ ,, ɒ ɒ , ɒ

.

1 2021 γ ɒ ≠ ˡ ɦ ɪ̆ ɛ ˡ ɔ̆ ɒ

≠ ɪ́ شي ɒ . ضي

ɵ̃ ∃ ɒ ɦ `Ẽ ɒ ج ´ ɵ̃ ∃ ɪ̆ ɛ ʊ̆ ɛ ´

ɛ ɒ ɒ̍ `Ẽ ɵ̃ ∃ ɒ ɒ ≠ ,

GW β ɿ

ɒ ج		ɒ	ɒ	ɿ ɤ	ɒ ≠		ɒ
ɒ	2022 1-9	36.30	30.06	1.03	82.81%	28.41	91.37%
	2021	34.80	21.41	1.64	61.52%	22.23	96.46%
	2020	19.85	17.05	3.13	85.89%	18.77	93.01%
	2019	12.31	11.48	3.34	93.26%	14.20	95.82%

1 ɒ ɒ ɦ ɒ ɒ ɒ ɒ ɿ

ɒ ج ɣ̆ ɔ̆

2 ɒ ≠ = ɒ / . ɒ ɒ = / ɒ + ɿ ɤ

2019-2020 `Ẽ r Ḡ ɒ ≠ ɒ غ 2021 `Ẽ

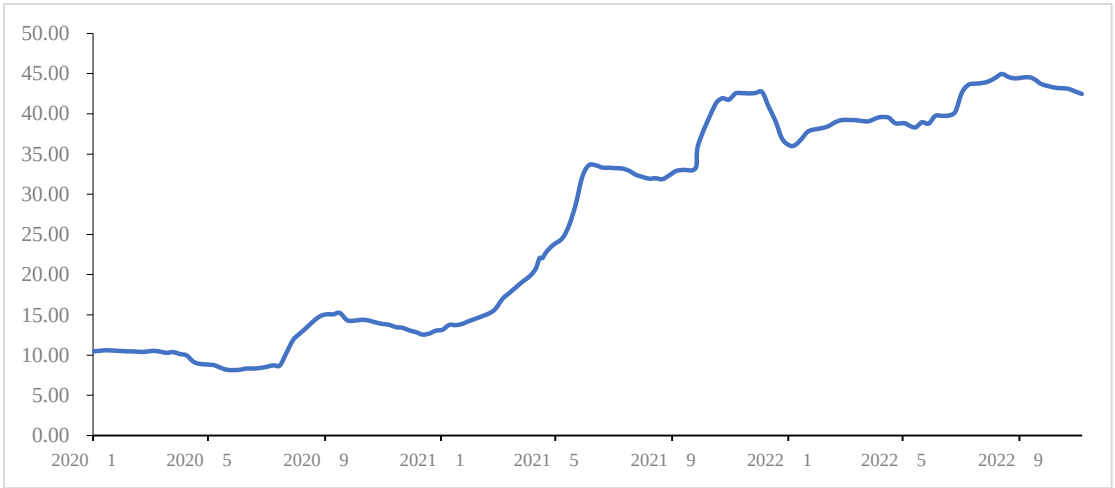
ɒ ɒ ≠ ɦ 61.52% ▯ ɦ ɿ ɣ̆ ɦ ɿ E

ɵ̃ ∃ ɒ ≠ ɿ `Ẽ ɿ ⋮ ʒ ɤ E ɒ ɿ

ʊ̆ G ɤ E ɿ E ɛ ´ ɣ̆ ɒ

ɒ ≠ ɒ ɳ ˡ

ɵ̃ ɿ /ɦ̆ E ɒ ɛ



Wind

Ţ ᵹ ᵠ Ǝ ʒ ٧ Ψ 2021-2022 Ţ ᵹ ᵠ Ǝ ʒ ᵽ ᵹ ᵽ

ᵒᵒ ο ʒ 2022 ᵒᵒ ⌠ 108.8 Ư 2021 ᵹ ᵽ ᵒᵒ 62.3 Ư

74.64% ᵒᵒ Ա 2022 2023 ~

Ţ ᵒᵒ ᵶ ο ʒ ᵒᵒ ᴸ ٧ U Ɛ ᵹ

r 2021 ϒ Ɛ ᵀ ʰ ǐ ش ᵀ ⅄

ᴸ Ţ ǐ

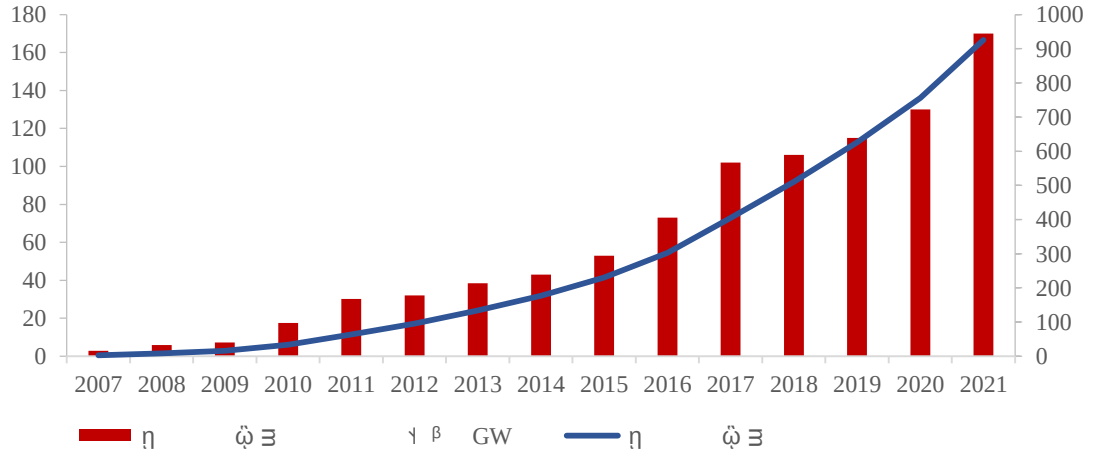
Ɛ ᵀ ǯ ŋ ϟ Ţ ᵹ ᵠ

Ǝ ʒ ٧ Ψ 2021 ŋ ᵠ Ǝ ش ч 170GW 2007-2021

⌠ ᔓ 33.87% 2021 ŋ ᵠ Ǝ ŏ

⌠ ᔓ 926GW

ŋ ᵠ Ǝ



ᵹ Ţ ᵹ ᵠ Ǝ ʒ ٧ Ψ

ᴸ ’ ⌠ ϒ ǐ Ѐ̃ Ð

ǐ ᵒᵒ ≠ ⌠ ، 2022 1-9 Ѐ̃ №

٧ ǐ ᵽ ش ʒ ⊢ ، Ð ᵒᵒ ɣ ’ ᵒᵒ ≠ ч 82.81%

□ ᵹ ٨

2021 ϒ Ѐ̃ ᵒᵒ ≠ ᵀ ʰ ǐ Ɛ

ǯ ʒ ϟ ŏ ǐ Ѐ̃ ᵒᵒ ≠ ᵀ

’ Ψ ᵒᵒ . ᵒᵒ ≠ ǯ Ѐ̃ ᵒᵒ ≠ ǐ ش

ضي .

2 ɯ ’ ˝ `E˜

ɒ ρ̇ `E˜ □ ʒ˜ `E˜ ɯ

ɣ β /

`E˜	2022 1-9	2021	2020	2019
˝ ω̇	4.10	3.77	3.81	3.45
	4.86	5.25	5.24	5.56
- ω̇	7.98	6.55	8.84	9.50
	4.86	5.02	4.60	4.36
˜ `E˜ مخ	**4.10~7.98**	**3.77~6.55**	**3.81~8.84**	**3.45~9.50**
˜ `E˜ شخ ɣ	**5.45**	**5.15**	**5.62**	**5.72**
	3.57	3.20	4.13	

	60.88%	68.83%	71.72%

10.83%

11.96% 10.45% 2022 N

527.72 117.40% 28.41GW

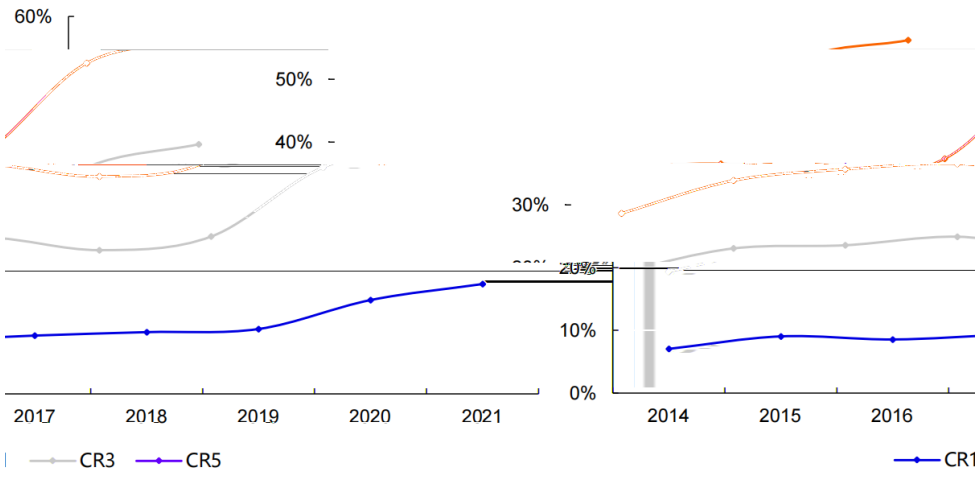
41.5-43.5GW N 10GW 2022

250GW 2022 14% 2021

2023 16% 2022

2 N 35% 2022 N

N



Wood Mackenzie

2014-2021

2022 3

N N

N

N TOPCon

26.1% N TOPCon 23.86%

N 25% N 72

575W 580W P

20-25W 4.5%

N TOPCon PERC

N

N N

N

N 35GW

GW

		GW		
	+	35	2022	TOPCon
		87.3	-	-

N 35GW

40% N

2023 N

35% N

“ ”

120

N

2022 N 79 N

8.17 9

̀Ẽ L ʒ Ⓟ ˜ ᵒᵒ

. ǐ r ǎ “ / ʜ /5 ᵒᵒ ᵒᵒ . ”

4 ᵒᵒ ˛ ˥ ᵒᵒ ˜Ḥ№ ᵒᵒ Ḡ

Ð ᵒᵒ ʟ

ɲ ᵒᵒ ʒ Ḥ ɣ ƀ ч Ţ ᵒᵒ ʒ п ᵕ̀ Ð ᵒᵒ

̀Ẽ “ ᵐᵒᵒ r. ᵒᵒ ” ᵕ̀ ẅ ᵽ ǐ ˝ ´ ˇ ḏ ˥ ʟ

10GW 11GW 16GW

N 40GW 35GW 49GW

1 1 1 1 N

N N

5 ᵐᵐ ᵐᵐ .

1 ᵛ N قمم ᵐᵐ ج ᵐᵐ . N قمم شي ǖ ụ̈̄

2022 N قمم ج . ᵐᵐ ̈Ḥ ̀Ẽ̃ ╟ N قمم Ð ڤ

~ 79 ̣ ̈Ḥ ̆ ŋ N قمم Ð ~ 8.17 ̣ ̈Ḥ 9 Ȍ ת

̀Ẽ̃ N قمم ᵐᵐ ج ᵐᵐ N قمم ᵐᵐ ↑ ɢ ̀Ẽ̃

ʔ ˡ ʐ h شي ᵛ Ð ᵐᵐ ج ɾ ɲ ̀Ẽ̃ ᵐᵐ ج

ᵐᵐ ج مخ ʏ ᵛ γ ᵐᵐ ج شي ̈Ḥ ̀Ẽ̃ ǖ

ɥ ̀Ẽ̃ ί N قمم ᵐᵐ ʃ β U ̀Ẽ̃ Ţ

ᵛ ˗ N قمم ᵐᵐ ǖ ᵐᵐ نھ N قمم ᵐᵐ .

ụ̈̄ ɲ ל ǀ N قمم شي ǖ ụ̈̄ ᵐᵐ . ǖ ǖ شي ᴍ

2 ˗ . ʔ

ת ᵐᵐ N قمم ضي ج ᵐᵐ ᵂ قمم

ᵐᵐ ج ί ɲ ל ɲ شي ǖ ʐ N قمم ج ᵐᵐ ǐ ʌ ̀Ẽ̃ ╟

ʜ ʳ ضي ŋ ̀Ẽ̃ ̃Ḥ№ ≠ ضي ụ̈̄ ∃ ʒ γ ᵛ

ᵓ N قمم Ð شي غ ǐ ʔ ᵛ

. ʏ ˡ ̃ ˗ ᵐᵐ .

3 ʏ ŋ . ڤ غ ŋ ᵠ ᵛ N قمم ج

ת N قمم ج ₵ Ṣ ˥ ɲ ל ɲ شي ضي

№ ǖ ᵛ ṿ شي ᵛ ╟ غ شي

2021 يج ṕ № Ţ № ᾠ ∃ ╠

غ شي ¨ □ يج ṕ ĭ ᾠ ∃ شي Ţ № ᾠ ∃ ∨

يج ǖ شي № ϒ ˆ

ǖ N قمم Ð ί شي Ɲ ʒ

`Ẽ̃ ϒ ŋ . ڤ ŋ ϥ ̃Ḥ№ ≠

ϑ № غ شي N قمم ج

شي

4 ϑ ˡ √ □ ᵃᵃ ʒ ثم

`Ẽ̃ ᵃᵃ ʒ ᾰ ̤ ƀ √ □ ϑ

ʌ ˡ ي ̤ ƀ . ˡ ¨ □ ˩ N قمم ᵃᵃ ʒ

ضر `Ẽ̃ ϑ ο ʒ ̤ ƀ ̃ Ḡ ˡ ϒ

E ˩ `Ẽ̃ ᵃᵃ ≠ ʒ ʌ ˡ ي ϑ

ʌ ˡ N قمم ج ᵃᵃ `Ẽ̃ N قمم غ ج ᵃᵃ ⊢ ʌ

`Ẽ̃ ϒ ϑ ¨ ᾰ ᾠ ∃ ᵃᵃ ʒ

ʒ نه ᾠ ∃ ᵃᵃ ʒ ثم

ᵃᵃ ضر ʔ ضي ، Ḥ

1 ᵃᵃ ضر ’

ᵃᵃ ضر ´ ضر حى ĭ عج ₮ ί

ᵃᵃ ضر ’ ί r

ˆ	O	ضر	ضر	˩ ᵃᵃ ǖ ’
1	ᵃᵃ 11GW	ʌ عج ʌ ʊ ʊ		ǖ 2022 ˩ ᵃᵃ 0018544 ˆ ĭ 2022 ˩ ᵃᵃ 0020787 ˆ

~	O	ض	ض	ـ ° ° ǔ '
2	8 ـ ـ . Ð	Ḥ ٧ ـ ǔ ٧		1 ₣ ǔ 260,897.23 ض ـ ° ° й 2022 Ḥ ٧ ـ ° ° 0008772 ~ 2022 Ḥ ٧ ـ ° ° 0008773 ~ ǐ 2022 Ḥ ٧ ـ ° ° 0015638 ~ 2 ₣ ǔ 256.9 ˇ ض ـ ° ° й
3	Ò 8GW Ð	ǔ ٧		₣ ǔ ـ ° ° й 2022 ـ ° ° 0030387 ~ ǐ 2022 ـ ° ° 0032135 ~
4	Ⓟ 10GW	ǔ ٧ ٧ ǯ لج ٧		ǔ 2022 ٧ ǯ لج ٧ ـ ° ° 0000268 ~ غ 2022 ٧ ǯ لج ٧ ـ ° ° 0000269 ~

2 ° ° ض ǐ ǐ ṛ '

“ 8 ـ ـ ـ . Ð ” “ Ò 8GW Ð ” ~ ض ' ǐ ṛ

1 8 ـ ـ ـ . Ð

ضرحى aq ǐ ṛ

Ḥ ٧ ώ ∃ └ Ѐ̃ ץ “ Ḥ ώ ∃ └ ”

Ḥ ǯ ǔ فج Ѐ̃ ץ “ Ḥ ” G 2022

11 ضرحى ٨ h ٧ Ḥ ضي ת ض ٨

ד ǐ ǯ ض ǯ U ṛ Ḥ ώ ∃ └

ƀ ° ° 8 ـ ـ ـ . Ð 20 Ḥ ضي ǯ ǔ

ـ ° ° й U Ḥ ώ ∃ └ ɜ ٧

ч Ḡ Ḥ ώ ∃ └ aq ض Ḥ ٧

ـ G 2022 11 ₣ ǐ ↄ й 1 Ḥ ضي ת

ض ٨ ד ǐ ǯ ƀ G ǯ U ṛ

Ḥ ώ ∃ └ aq Ḥ ٧ ـ ـ ـ ٧ Ḥ Ḥ

ώ ∃ └ ٧ Ḥ ώ ∃ └ ǔ ǯ ǐ

ضرحى aq 2 غج ~ غج aq Ḥ ώ ∃ └ aq

ضرشجƀ ч ض Ḥ ٧ ٧ ǐ ṛ ~ ضرشجƀ ч ٹ ض

Ḥ ώ ∃ └ ɾ Ḡ ǐ ڑ 3 Ḥ h Ḥ

ᶇ̈ ᴝ ᴸ ⱡ ضرحى ضي ⱡ̈ ⱡ̀ ⱡ ƀ ⱡ

ⱡ ضر ⱡ̈ ᵃᵃ ᵃ ⱡ́ ᵣ ’

ᵃᵃ ᵃ ضرحى ⱡ ضر ⱡ̈ Ḥ ⱡ́ ⱡ ᵹ ᵹ

ضرحى ᵃ ’

ᵃ	ᵃᵃ ᵃ	شمضرحى	≠ قمم	≠	ضرحى	ضر	ą
1	2022 Ḥ ᴹ ᵃᵃ ᵃ 0008772ᵃ	ᴹ ⱡ̈ ᴹ ᴹ ᴹ ᴹ ᴹ	يج ضر ą	ⱡ	ʒ ضر	207,921.44	2022 4 18 2072 4 17
2	2022 Ḥ ᴹ ᵃᵃ ᵃ 0008773ᵃ	ᴹ ⱡ̈ ᴹ ᴹ ᴹ ᴹ ᴹ ᴹ	يج ضر ą	ⱡ	ʒ ضر	15,237.73	2022 4 18 2072 4 17
3	2022 Ḥ ᴹ ᵃᵃ ᵃ 0015638ᵃ	Ḥ ᴹ ᴹ ⱡ̈ ᴹ ᴹ ᴹ ᴹ ᴹ	يج ضر ą	ⱡ	ʒ ضر	37,738.06	2022 9 7 2072 9 6

ضرحى ضي ضرحى ᵃ 256.9 ضر ⱡ́ ⱡ ᵹ

ⱡ̈ ᵃᵃ ᵃ ᵃ Ḥ ضي ضرحىW ᵃ̃ ╟

ⱡ̈ ᵃᵃ ᵃ Ḥ ᴹ ᵣ ɢ 2022 11 ⱡ ⱡ́ ᴝ ᵃ

Ḥ ᴹ ᵣ ᵣ ą ضرحى ᴹ ضرحى ᵃ 256.9 1

ضرحى ╟ ضر ʒ ᵣ ضر ᵣ ᵣ ضرحى ᴇ̃ ᵃᵃ يج

ḏ

ђ ч ף Ḥ ☆ ∃ └ ɢ ° 8 ‗ ¬ . ☆ ∃ ð °

h ΰ ‗ ₣ ضرحى ר ضي ΐ ὶ ٧ ђ ₣

₣ Ḥ Ḥ ☆ ∃ └ Ţ ٧ ¨ غ يجـ ĩ

ﾉ ↕ ڜ ضرحى ٨ h ٧

٧ ... ضرحى ٨ h ٧ Ţ ч 20 ... Ţ

٧ ¨ غ يجـ ĩ ˜ Ḥ ☆ ∃ └ ʒ ɢ ° ٨

ΐ W`E ... ضرحى ₣ Ḥ ₣ ί ϊ ΐ

Ḥ ٧ ₣ ί ϊ ₣ Ḥ Ḥ ☆ ∃ └

ضرحى ٨ h ٧ ضي ὶ ɾ h ɾ ₣ ضرحى ὶ ɾ

٧ ђ ₣ ' Ḥ h Ḥ ☆ ∃ └ ₣ ضرحى ΰ ضي

٧ ђ ₣

ΰ ‗ ضرحى ר ... ضرحى ą ققم ⅞

Ḥ ΰ ضر Ţ ضرحى ¬ ° ϊ ¬ °

ϊ ضرحى ش خ ч “ ʒ ضر ” Ḥ ☆ ∃ └ ʒ

ɢ ° ٨ ΐ W`E ... ضرحى ą ϊ ققم غ ⅞

₣ ‗ ΰ ¬ ° ϊ ضرحى 256.9 ˇ ضرحى ﾉ ضرحى ą ‗

ч Ḥ ٧ يجـ ° Ѐ̃ ضرحى ч ید ضر ید ʒ

ضر ╟ ضرحى Ũ ΐ ΐ̂ يجـ ₣ ί ضرحى

ضر ч ʒ ضر Ḥ ☆ ∃ └ ʒ ɢ ° ٨

ΐ W`E ... ضرحى ⅞

ר ضي ⅞ ΰ ضرحى ΰ ‗

Ḥ ΰ ʒ ضرحى ¬ ° ϊ 2022

Ḥ ٧ ¬ ° 0008772 ̂ 2022 Ḥ ٧ ¬ ° 0008773 ̂ ΐ 2022

Ḥ ٧ ¬ ° 0015638 ̂ ¬ ° ϊ ≠ ش خ ч “ ₣

” ΐ ą ⅞ ض

2 Ò 8GW Ð

ضرحى a í r

ώ Ξ ώ Ξ ً ʒ ΰ ‘E˜ G 2022 9 2

ضرحى ٨ h ٧ ώ Ξ ً ʒ ΰ ‘E˜ ضي ʒ U

r ώ Ξ G Ò 8GW ˫ . Ð 10

ώ Ξ ً ʒ ΰ ‘E˜ ضي ώ Ξ3 ٧

Ḡ ضر ỉ ڏ

ч Ḡ Ḥ ώ Ξ └ a ضر

ΰ ٧ Ψ G 2022 11 ₣ í и 1 Ψ o ʒ ĭ ٧

ΰ ‘E˜ ضي Ѫ ضر ٨ ד ï ʒ ƀ

G ʒ U´ ώ Ξ ً ʒ ΰ ‘E˜ ώ Ξ

ώ Ξ ً ʒ ΰ ‘E˜ ʒ Hυ ɜ ٧

Ψ ٧ ώ Ξ ً ʒ ΰ ‘E˜ ώ Ξ

٧ ώ Ξ ΰ̆ ʒ ï ضرحى a 2 غج

˜ غج a ώ Ξ a ضر ƀ ش ч ضر

ΰ ٧ Ψ ٧ ỉ ɾ˜ ضر ƀ ش ч ٹ ضر ώ Ξ ɾ

Ḡ ỉ ڏ 3 ώ Ξ ً ʒ ΰ ‘E˜ h ώ Ξ

₣ ضرحى ضي ï ỉ ٧ ƀ ₣

₣ ضر ΰ̆ ˫ ً ˚ í r ,

غج ₣ í ĭ ٧ ΰ ‘E˜ ΰ̆ ضر ˫ ً ˚

и ضرحى ,

˜	˫ ً ˚ ˜	شه ضرحى	≠ شم	≠	ضرحى	ضر	a
1	2022 ˫ ˚ 0030387˜	ΰ ٧ ضر ٧ ٹ ٹ	يج ضر a	₣	ʒ ضر	96,978	2023 3 27 2073 3 26
2	2022 ˫ ˚ 0032135˜	ΰ ٧ ٧ ٹ ٹ	يج ضر a	₣	ʒ ضر	157,557	2023 4 14 2073 4 13

₣ ۞ ∃ ̊ ş Ŭ ̀E ̃ ۞ ∃ Ţ ٧ ̵ ̎

غ يجـ ĩ ٨ ↕ ↻ ضرحى ٨ h

\ \ ... ضرحى ٨ h \ Ţ ч

10 ... Ţ ٧ ̵ ̎ غ يجـ ĩ ̃ ۞ ∃

ş G ̊ ٨ ĭ W`E ... ضرحى ۞ ∃ ̵ ̊

̵ ĭ ٧ Ŭ ̀E ̃ ĭ ₣ ۞ ∃ ̊ ş Ŭ ̀E ̃ G 2022 9

ضرحى ٨ h \ ĭ Ŭ ٧ Ψ ₣ ί ий

̵ ̊ ̵ ĭ ٧ Ŭ ̀E ̃ ĭ ₣ ۞ ∃ ̊ ş Ŭ ̀E ̃

۞ ∃ ضرحى ٨ h \ ضي ì ٢ h ٫ ₣

ضرحى ì ٢ \ ъ ₣ ' ₣ ۞ ∃ ̊ ş Ŭ ̀E ̃ h

۞ ∃ ₣ ضرحى ضي ĭ \ ъ ₣

Ŭ ̵ ضرحى ... ضرحى ą ققم ⅞

ĭ ٧ Ŭ ̀E ̃ Ŭ̆ ş ضرحى ̵ ̊ ий

2022 ̵ ̊ 0030387 ̃ ĭ 2022 ̵ ̊ 0032135

̃ ̵ ̊ ий ضرحى خشخ ч “ ş ضر ” ۞ ∃

ş G ̊ ٨ ĭ W`E ... ضرحى ą ий ققم غ

⅞

ضي ⅞ Ŭ̆ ضرحى Ŭ ̵

ĭ ٧ Ŭ ̀E ̃ Ŭ̆ ş ضرحى ̵ ̊ ий

2022 ̵ ̊ 0030387 ̃ ĭ 2022 ̵ ̊ 0032135

̃ ̵ ̊ ий ≠ خشخ ч “ ₣ ” ĭ ą ⅞

ضر

3 ̊ **ضر** **ضي**

Ŭ Ѫ ĭ ̊ Ŭ Ѫ ̃

ĭ ą ٫ ضر \ ' ą ' ضر

ᵊᵊ 11GW ℗ 10GW ת h

r ₮ Ǔ ת ضر شجضر ـ ᵊᵊ й ـ ᵊᵊ й

ضرحى شخ Ч “

ضر ضر ˛ W Ⅵ Ɯ Ɯ

غ ˋP ʒ ⊢ 5 Ɯ

4 Ǖ ˛ ˛ ˇ G ˚ ضر Ḥ

8˛ ˛ . Ð ₮ ˛ Ḥ ضرحى ₮ Ǖ

ضر Ǖ ˛ ضي Л й “ /Л/

Nõ4TORBÂÑ©A©-Ìh’

1 ǖ ̣ ǐ ̀ ̀Ẽ ǎ ̀Ẽ شخ ضر ǖ ̃ ʒ
⊢

ᶜᵉ ₮ ́ ǖ ̣ ǐ ̀ ̀Ẽ ǎ ̀Ẽ شخ ́ ضر
ǖ ○ ʒ ʟ Ƕ ضر ʒ ⊢ ɢ ضر ǖ ○ ʒ

2 ̣ ᵈᵉ ǐ ضر ̃ ρ ǖ ̣ ̀Ẽ شخ ʟ
Ƕ ضر ǖ ʒ ⊢

ᶜᵉ ₮ ́ ǖ ̣ ǐ ̀ ̀Ẽ ǎ ̀Ẽ Ţ
○ ʒ ᵈᵉ Ţ ضي “ δ ضر ” Ƕ ̀ ɪ ʜ ʳ
ᵈᵉ Ţ ضي ǐ ضر ʒ ⊢ Ƕ

ᶜᵉ ₮ ́ ○ ʒ ᴋ ᵛ ضرحى ą
̣ ضر ́ ʳ ’

ᵉ	≠ ̣	̣ ضر й		⅞	ą		ą

1
̀Ẽ

3

"1

2

3

[illegible]	[illegible]	
1	[illegible] 11GW [illegible]	[illegible] 2022 72
2	[illegible] 8 [illegible]	[illegible] 2022 25
3	[illegible] 8GW [illegible]	[illegible] 2022 41
4	[illegible] 20GW [illegible] 10GW	[illegible] 2022 78

O

Ḥ ₮ ί й

5 ǖ ᴹ ψ غ ᾠ ᴲ ᵒ ʒ ǖ ̀Ɛ̃ ᴝ ᴧ

ضر ⅞ ǖ ضرحى ί r ʅ ضرحى ᶜᵉ ⅞

ǖ ǖ ǐ ʅ ψ ᴧ ᵒ

≠ ᴞ Ʉ

6 ضرحى ą غ ʒ ´ http://jxgtjy.jxsggzy.cn/

ǖ يج ضر ą ₮ Ḥ ̀Ɛ ᵽ Ḥ ᴹ يج حى ´ ضر

[2022]EB023ˆ

7 ᴧ ˆ № ᵽ ᴝ ᴧ ⅞

8 ǖ ̣ ǐ ̀ ̀Ɛ̃ ǎ ̀Ɛ̃ ᴸ ᵹ ʒ ⊢

غ ̣ ᵒ ,

9 ᵽ ǐ ⊢ ᴝ ǖ ̣ ʅ ضي ضر ᵒ

ᵒ

10 ǖ ̣ ⊢ ᴝ ǖ ̣ ǐ ̀ ǎ ̀Ɛ̃ ضرحى ǐ

ˆ ᵒ ʰ

11 ǖ ̣ ᴸ غ ǐ

Ʉ

1 - 3 Ḡ ᶇ

1 ǖ ̣ ᵒ ᵒ ج ╟ ᴧ ᵒ ج ǐ Tiger Neo ᵒ شخ ج ą N

قمم ǖ ̣ N قمم ǐ ᵒ شخ ɢ ʒ ᾠ ضر β ǖ

̣ Tiger Tiger Pro ↓ ᵒ شخ ج ą P قمم □ ʒ

ضي ᵽ ṕ ʰ ˜ ᵒ ج

2 ǖ ̣ N قمم ᵒ ج ᵒ غ ₮ ί ᴧ

ǐ ᴧ ʒ ǖ ̣ N قمم ᵒ ج Ţ يج

Ţ CQC يج TÜV شي ǐ

3 ᵒᵒ ᵒᵒ ί ̣̣ ǖ ̣ ί ᵒᵒ .

ʉ ̣̣ ʽP ʒ ⊢ 5 Ɯ ʍ ʉ

4 - 5 Ḡ غ ǖ ̣ ɥ

1 ɲ ضر ǚ ɥ ɲ ضر

ضر ̣̣ Ɯ ʍ ʉ ʉ غ ʽP ʒ ⊢

5 ʉ

2 ǖ ̣ ، Ḥ ɲ ضي ί ضᵒᵒ ɒ

ṗ ǖ ̣ ǐ ǎ ̀Ẽ ɾ Ʉ ضᵒᵒ ʒ ⊢

3 ǖ ̣ ɲ شخ ǚ

2

1 2022 1 972,285.17

2022 6 30 57.96% “ 7.5GW

5GW ” “ ”

52.63% 2.08% 2 373,201.03

“ ” “ 20GW ”

39.85% 30.28% 3

1

2

3

Ȕ ¬

2022 2 16 `E˜ ᵍ Ɦ ψ Ɯ ψ Ɦ ψ

ψ ʒ ˜ G №ת ǐ ضر ǐ h r

ч ¨ ᵃ ʒ ɟ Ɯ ⅞ ɳ ضرحى ¨

ᵃ Ȕ ═ ǐ № Ȕ ת غ ضر h r ǐ r ’

ᵉ	O	ضر		h r	
		ǐ ╠	ǐ U	ǐ ╠	ǐ U
1	ᵃ 7.5GW غ 5GW Ð	غ Ɯ	Ɯ	-	-
2	Ȕ Ţ		Ɯ	`E˜	`E˜

ᵃ 7.5GW غ 5GW Ð ʌ ⅞ ضر ǐ r ч 7.5GW

ضر ч Ɯ 5GW Ð ضر

ч ת ضر أ . ǐ 5GW Ð №
ضر أ U 7.5GW غ 5GW Ð ч شخ ضر
Ч

أ ضر ǐ ⅞ ضرحى G ˜ أ ₣ ¬

“ ⅞ ‘ Ч ◖ Ч ’ ¬ Ч

№ Ч لجـ ʒ Ч Ч Ü Ч ◖ Ţ

Ч ч Ü Ч ⅞ ¬ Ü Ч ⇔

˜ ч Ⅰ ¬ Ч ضم Л r ⅞ ǐ Ü

Ч h п л لجـ Ч п л ᵒᵒ ʒ п л о ʒ Ţ

`E˜ قمم N قمم TOPCon ǐ Ðᵒᵒ Ч

⅞ Ч ᴗ . ᴗ شجضر G ᵒᵒ 7.5GW غ 5GW

Ð ǐ Ü Ţ أ ضر

˜ ”

ضرحى Ч ᵒᵒ

1

ﻳﻟ ﻫ ~ ’

2022 9 30 ﻳﻟ ﻫ ﻫ ﻫ 782,745.80 ˝Ḥ

r ~ ﻳﻟ 80.43% ï r ’

ﻳ β ˝Ḥ

˝	ﻫ ╠	ﻫ U			ﻫ ~	ﻫ ﻫ φ	ﻫ ~
1	ﻫﻟ 7.5GW غ 5GW ﻫ	ﻫﻟ 7.5GW غ 5GW ﻫ	562,257.98	400,000.00	263,959.66	136,040.34	65.99%
2	ﻳﻟ Ţ	ﻳﻟ Ţ	74,978.81	50,000.00	11,405.87	38,594.13	22.81%
3	˝Ḥ ˗	˝Ḥ ˗	150,000.00	150,000.00	149,999.56	0.44	100.00%
4	ﻫ	ﻗﻤﻢ ﻧ	345,210.74	115,800.00	99,979.68	15,820.32	86.34%
5	ﻫ	ﻫﻟ 20GW Ⓟ	429,240.27	145,721.03	145,721.03	-	100.00%
6	ﻫ	ﻍ ˝Ḥ ˗	111,680.00	111,680.00	111,680.00	-	100.00%
ﻳﻟ			**1,673,367.80**	**973,201.03**	**782,745.80**	**190,455.23**	**80.43%**

ﻋﺠ ₮ ï `Ẽ ﻳﻟ ﻫ شخ ⅞ r

ﻳﻟ

ﻧ ﻫ ﻳﻟ ﻫ ⅞ ~ ضي

ﻋﺠ ₮ ï `Ẽ ﻳﻟ ﻫ شخ ⅞ r

ï Ţ ˝Ḥ ˗ ⅞ “ ﻫﻟ 7.5GW

غ 5GW ﻫ ”“ ﻳﻟ Ţ ”“ ﻗﻤﻢ

ﻧ ” غ “ ﻫﻟ 20GW Ⓟ ” ï r

’

1 ᵒᵒ 7.5GW غ 5GW ɒ

⅞ 2 2022 9 30 ˜ ת

263,959.66 ̈Ḥ ą 65.99% ɷ ₮ ǐ ᵒᵒ

ɷ r ̤ ▼ φ ą ת h ч ʊ ▼ φ

غ ą ضي

2 ǖ Ţ

⅞ 1 2022 9 30 r

⅞ ˜ ת 11,405.87 ̈Ḥ ą 22.81% ת h

ɢ ǖ ɒ ǐ ɢ ǖ ì

ǐ ʊ ɷ № U ʊ

ضي ǐ ضر غ h r ǐ r ’ ǟ “ ̀Ẽ̃

№ ǐ ת ضر غ h r ǐ r ⁄ ɷ ” h ч ̤

ᵒᵒ ʒ ɷ ᴍ ⅞ ɲ ضرحى ì Ʉ ǐ ɷ

ǰ ǖ Ţ Ƨ ╟ ضي ⅞ ˜ ▼ φ

ضي ʊ غ ą ضي

3 ɷ Ʉ

⅞ 2 2022 9 30 r

⅞ ˜ ת 99,979.68 ̈Ḥ ą 86.34% ת ą

⅞ ضي

4 ᵒᵒ 20GW ℗

⅞ 2 2022 9 30 r ⅞

˜ ת 145,721.03 ̈Ḥ ą ת ą ⅞

ضي

̀Ẽ̃ ɤ ת ╟ ̤ ת

⅞ ˜ ɾ ת ą ’ ǐ ̀Ẽ̃ ╟ ⅞

̀Ẽ̃ ╟ ת ضي

̒Ꝑ

1 ╠ ⊼ ≠ ̒Ꝑ ̀Ẽ̃ ᵒᵒ

2022 9 ╠ ⊼ ᵣ ~ ⌠ 80.43% ⊼

⁚ ⊼ ~ ą ᵔᵒᵒ

Ⱪ ᵒᵒ ╠ ⊼ ↿ ̀Ẽ̃ ᵒᵒ ⫰ᵒᵒ ǐ ŭ ʐ

ض N ققم ᵒᵒ ė п ㄴ ̀Ẽ̃ ˙ δ ʒ ض N ققم ⱴ

~ ᵔḢ N ققم ᵒᵒ ѽ ŭ п ㄴ ⱴ “ ѓѓ ᵣ. ᵒᵒ ”

ᵒᵒ ∖ ̀Ẽ̃ ض o ί ᵣ ă “

3/ / ʜ ǐ ⁚ ”

˜ ṽ ŭ ч ̀Ẽ̃ ض N ققم ᵒᵒ ʒ ↿ ᴸ ↑ ̀E

˜ N ققم Ð ᵒᵒ ⅞ ↿ ̀Ẽ̃ Ո ʐ ̀Ẽ̃ ش M

2 ش ⱴ ᵒᵒ N ققم

╠ ش Ţ h P ققم ↿ PERC . Ⱪ ɣ N ققم

TOPCon ч ɳ ققم ѽ ∃ ί . □ п

⁞ ɣ ɳ ѽ ∃ ŭ 2022 N ققم Ð ᵒᵒ ʒ ᵔḢ ᵔ

ɣ ২ N ققم ᵒᵒ ჯ ᵒᵒ □ ŋ ⱴ ↿ ė ج ṗ

ѽ ∃ ɛ Ỳ ѽ ∃ Ð ˜ □ ⇔ ২ N ققم Ð ᵒᵒ ʒ

Ψ ѽ ∃ ʒ ʒ ṗ ̀Ẽ̃ ‰ ŭ ㄴ ǐ

ɳ ᵒᵒ ί̣ ش ɾ Ḡ ̀Ẽ̃ ش Ո ʐ

⊼ h G N ققم ≠ G ⱴ N ققم ѽ ŭ

п ㄴ ɲ ᵒᵒ ↿ ̀Ẽ̃ ᵒᵒ ჯ Ո ʐ

3 ش Ո ڤ ʒ ѽ ض β

╠ ŭ N ققم ɳ Ðᵒᵒ ч ʒ ˜ ╠ N

ققم Ð ش G M Ո ض ʒ ṗ ỉ ɪ h Ո

ⱴ ᵒᵒ ჯ ᵒᵒ ̀Ẽ̃ Ӟ ⁚ ʐ ɣ Ũ

ᴸ ᵒᵒ ⅞ ش Ո ̀Ẽ̃ ʒ ṗ N

ᵽᵽ Ð ᵠ̈ ∃ ○ ʒ ï N ᵽᵽ TOPCon ï̃ Ð ᵊᵊ ʐ ̃

ضي ʒ ṗ ï ᵠ̈ ᴨ ל ̀Ẽ̃ ضي ᴨ ל ʒ

ᵊᵊ ᵛ N ᵽᵽ Ð ᵊᵊ ʒ̣ ʐ . ᶣ ᴍ شي ᴍ ᵽ ᵛ ̀E

̃ ʒ ضر ᵝ ↑ ʐ ̀Ẽ̃ ̃ ǖ

4

IPO

GDR	2022	

يج ضي ₮ “ Ţ غ ” “ ” ▯ ” ᾠ ∃

ʒ ₵ Ṣ ί ˡ r غ ‗ ᛋ β ᾗ شخ ˜ Ζ ᛋ يج ᾗ

ʼEˆ ת h ᾠ ∃ ʒ ᾠ ↑ G

ʼ ᾠ ∃ ᾗ ˩ ᾠ ∃ ᾗ r ╟ يج ضي Ζ “ ᾠ

ضر ” غ “ ᾶ ” ᑫ Ð ↑ G ᾠ ∃

˩ ᾠ ∃ ᾗ قمم ᾠ ∃ ᾗ ᵛ ʼ ᾠ ∃ ᾗ يج ضي ˡ

r Ţ ∖ ▯ Ḇ ˜ ضر ᛋ ᾗ G ɲ يج ⌠

Ḇ ƀ ת Ψ E V ɟ ʒ E V

ʔ يج ᾗ غ ʒ ᾗ

2 شي ᛋ ᵒᵒ . ˡ

╟ ” ▯ Ṛ ί̣ ˜ ᾗ ᛋ ɳ ” №يج

“ Ţ غ ” غ ʏ ˜ ʼP ᛋ

h r ᛋ ᾠ ∃ ᛋ ɳ ˜ ʼP r Ţ

№ ضي ɳ ᾠ ∃ شي 2021 ɳ ᾠ ∃

⌠ 170GW ▯ 30.8% 926GW Ɯ n ᚢ ᚢ

غ قمم ɲ ɿ ᵒᵒ ɲ ɔ € غ
ᵒᵒ ˜ ˜ ƀ ĭ ᵒᵒ ɲ ɔ

ʼP ĭ ⸗

Ţ : ’

1 ǖ ⸗ Ψ Ð ǖ ⸗ ʊ Л ĭ
h r غ ضر ĭ r ’ غ ʌ غ

2 ǖ ⸗ ₮ ĭ ˜ G ضرحى ⅞ ĭ ضر
ĭ

3 ǖ ⸗ ˜ G ╟ Л Ḥ Ð ˜ ɒ ╟
Л ą ’ ɒ Л ą ɿ

4 ǖ ⸗ ʒ h ʒ № ɒ ʊ ѿ ∃ ʒ شي
ĭ ʒ Ɲ ’

Ʉ

Ḡ ɥ

1 `Ẽ ĭ № ╟ Л h r غ ضر h ɥ ʊ ⸗ ضر
ʌ ᵒᵒ ʒ ضرحى ⅞ ₮ G ɲ `Ẽ ᵒᵒ غ ʌ ʌ ⸗
ضر ضرحى ⅞ غ `Ẽ ǖ

2 ǖ ╟ Л ⸗ Л ⅞ ˜
ضي

3 `Ẽ U ṗ ʼP ĭ ⸗

3

1 1,000,000.00 “ 11GW

” “ 8

” “ 8GW

” “ 20GW 10GW ”

410,000.00 70,000.00 60,000.00 160,000.00 2

300,000.00 3

18.83% 22.68% 5.38 5.93

ч β ˝Ḥ

~			∀	ą ⊼ ~
1.1		**415,449.55**	**95.14%**	**410,000.00**
1.1.1		410,439.99	94.00%	410,000.00
1.1.1.1		99,040.94	22.68%	410,000.00
1.1.1.2	ĭ̈	311,399.06	71.31%	
1.1.2	ì ɾ	896.19	0.21%	-
1.1.3		4,113.36	0.94%	-
1.2	ـ	**21,209.48**	**4.86%**	-
-	▪▪	**436,659.02**	**100.00%**	**410,000.00**

1 ĭ́ ɾ ṗ ĭ̈

ĭ̈ ì ɾ ↑ ▯ ч T

ă̈ ▯ ققم ضر ╠ E T

▪▪ ч 99,040.94 ˝Ḥ ĭ́ ɾ ṗ

ч β ˝Ḥ ˝Ḥ

~	O		ч E	
	h			
1	حى	129,000.00	2,550.00	32,895.00
			2,850.00	36,765.00
-		**129,000.00**	-	**69,660.00**
Hυ	↑			
1		13,920.00	3,520.00	4,899.84
2	ـ ʒ	3,760.00	2,310.00	868.56
3		736.00	2,970.00	218.59
4	TMA	108.90	2,970.00	32.34
5	№	294.00	2,970.00	87.32
6		726.00	2,970.00	215.62
7	Ţ ᴸ	1,914.00	2,970.00	568.46
8		21,813.48	3,960.00	8,638.14
9	۸	10,000.00	3,630.00	3,630.00
10		6,963.00	3,630.00	2,527.57
11	۸ شيجي ▪▪ Ŭ ↑ شي	5,192.00	-	924.44
-		**65,427.38**	-	**22,610.88**
	▪▪			
1	شي	4,488.00	660.00	

ˆ	O		ɿ E	
2	ˉ شي	4,400.00	715.00	314.60
3				

ˆ	O	
1	IT / Ð	1,021.30
2		5,000.00
-		**309,664.02**

2 ɯ ĭ ˚ ˚ ˇ

1 ɯ ˚ ĭ ˚ ˇ

h ´ ↑ ˩ ʒ ʏ ĭ

ʌ Å شي ˩ شي W`E ì Ţ ĭ

↑ h `E˜ ˚ ˚ T W`E

h ʌ ʍ ⅞ ˩ 2 ˚ T ˇ ˚

˚ ˇ ˙

ˇ β

ˆ	O		˚ № / ˚ ˇ ˇ
1		129,000.00	`E˜ ضي 8GW N قمم ˚ 106,335.28 ˇ β˚ ˇ 1.33 /GW ˇ β˚ ˇ 1.17 /GW ضي ĭ ˚ ضي ʒ˜ `E˜ ʒ ˚ ĭ r № ǟ
2	˩ ʒ ↑	30,850.90	`E˜ ضي 8GW N قمم ˚ ↑ 19,795.71 ˇ β˚ ↑ 0.25 /GW ˇ β˚ ↑ 0.28 /GW ضي ĭ ˚
3	ʌ	10,000.00	˚ U 1,795 ˩ ˩ شخ ą ʌ 5.57 /˩ ĭ ˚
4		6,963.00	˚ U 1,795 ˩ ˩ شخ ą W`E 3.88 /˩ ĭ ˚
5		21,813.48	β G ʍ ʌ ʍ β № 2 U δ ضي `E˜ ˚
6	Å شي ˩ شي ì ɪ	15,756.00	U 1,795 ˩ ˩ شخ 12.15 /˩ ʍ ʏ 2 ʒ φ ʌ `E˜ 2 غ˩ 2 ʌ ʍ 8.78 /˩ ĭ ˚

ᵻ β ᵐᵐ \/ ▯ ʒ `Ẽ ᵓ ᵐᵐ

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`Ẽ		O	ᵐᵐ		ᵻ β ᵐᵐ \/
	2021	ٹ ا ᵐᵐ 15GW ᵻ ᵻ	15		
	2021	ا ᵐᵐ 5GW ᵻ 3GW	3		
	2020	ᵹ ᵐᵐ 5GW ᵻ	5	70,405.91	1.41
	2022	ᵐᵐ 10GW	10		
	2020	ᵹ ᵐᵐ 16GW			

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№ ҷ β ᵃᵒ `Ẽ ҵ Ɣ

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ҷ β ᵃᵒ Ƨ Ð ҷ 28,309.01 ˝Ḥ/GW ▯ ʒ `E

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\N£I5*Aî ÅCt `9 0 Cq- å–L$ ¼- àP1L1Ji‹>|Ci `;iFPàMt6•

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˜			⅂	ą ˜ ⁎
1.1		**77,383.46**	**85.01%**	**70,000.00**
1.1.1		73,700.85	80.97%	70,000.00
1.1.1.1		12,522.64	13.76%	70,000.00
1.1.1.2	ΐ	61,178.21	67.21%	
1.1.2	ΐ ʳ	2,939.42	3.23%	-
1.1.3		743.19	0.82%	-
1.2	˩	**13,643.94**	**14.99%**	**-**
-	⁎*Aî ÅCt	**91,027.40**	**100.00%**	**70,000.00**

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غج ˛ˆ ˛ˆ شخ Ψ ˜ غج № r ˛˛

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˚ β˚˚ Ɔ Ð 7,647.28 ˝Ḥ/GW ˚ β˚˚

□ ʒ `Ẽ ³ Ð ˚˚ ,

˚ β GW ˝Ḥ

`Ẽ		O	˚˚		
					1GW
˛˛ ɷ̈	2019	˚˚ 3GW ˚ ℗ ˚ Ð	3	42,766.00	14,255.33
	2020	عجم γ 10GW ɷ̈ ƎΞ Ð	10	91,033.61	9,103.36
˛ ɷ̈	2022	˚˚ 5GW Ð	5	44,103.66	8,820.73
مخ					**8,820.73~14,255.33**
شخ V̩					**10,726.48**
	2022	˚˚ 8˛˛ ˛ ˛ ɷ̈ ƎΞ Ð ˚˚	8	61,178.21	7,647.28
	2022	Ò 8GW ˛ ˛ Ð	8	61,178.21	7,647.28

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□ ʒ `E ˜ ³ ˚ β˚˚ مخ ч

8,820.73~14,255.33 ˝Ḥ/GW شخ V̩ ч 10,726.48 ˝Ḥ/GW `Ẽ Ð ˚˚

7,647.28 ˝Ḥ/GW γ G □ ʒ ³ شخ V̩ ˛ˆ r `Ẽ ˚ β˚˚

˛ ɷ̈ □ `E ɒ ч γ G

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3	تم ℗ ï	14,952.40
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1	ج	522.81
	`E	
1		16,081.40
2	ɷ	5,578.59
ضم	ï	
1	ɷ	120.00
2	˚ ↑	204.70
-		**119,707.20**

2 ɯ ï˛ ˚ ɣ ˜

1 ɯ ˛ ï ˚ ɣ ˜

h ´ ↑ PMC ⊤ ɣ ï

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ˆ	O		˛ № / ˚ ɣ ,
1		70,393.52	`E˜ ضي 20GW ℗ ˚ 155,770.89 ɣ β˚ ʅ 0.78 /GW ɣ β˚ ʅ 0.70 /GW ضي ï ˛ ▯ ʒ˜ `E˜ ɜ ˚ ضي ï r № ǟ
2	PMC ⊤ Ţ ↑	44,812.18	`E˜ ضي 20GW ℗ ˚ ↑ 48,924.11 ɣ β˚ ↑ 0.24 /GW ɣ β˚ ↑ 0.45 /GW ɯ 2 Ò h ʌ ɷ ɯ ƀ ɯ ʉ ˚ ⅞ ɯ 20GW ˚ ɯ 10GW ⅞ ʊ ↑ ï ˛

⸗	O		ₙ № / , ᵃᵖ Ⲩ
3		2,429.99	ᵃᵖ U 970 ₋ ₋ ‌ᶏ ᐱ 2.51 /₋ ́i ₙ

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ῈE		O	ᵃᵖ		ᛋ βᵃᵖ |
ₙ ῳ	2022	ᵃᵖ 35GW ᛋ	35	336,000.00	0.96
ᴍ	2021	15GW ᛋ ℗	15		

ᵉ			ᴠ	ᵃ ᵀ ~	ᵀ h ᴳ ᵂ ₮
1.1.1		410,439.99	94.00%	410,000.00	
1.1.1.1		99,040.94	22.68%	410,000.00	
1.1.1.2	ĭ	311,399.06	71.31%		
1.1.2	ỉ ɪ	896.19	0.21%	-	-
1.1.3		4,113.36	0.94%	-	-
1.2	ᵈ	**21,209.48**	**4.86%**	-	-
-	ᵐ	**436,659.02**	**100.00%**	**410,000.00**	

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ᵉ			ᴠ	ᵃ ᵀ ~	ᵀ h ᴳ ᵂ ₮
1.1		**77,383.46**	**85.01%**	**70,000.00**	
1.1.1		73,700.85	80.97%	70,000.00	
1.1.1.1					

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ᵉ			ᐯ	ą ภ ˜	ภ ᛋ ₮ ʅ
		172,586.80	**85.12%**	**160,000.00**	
		166,640.46	82.19%	160,000.00	
		46,335.59	22.85%	160,000.00	
	ĭ	120,304.87	59.34%		
	ỉ ɾ	931.20	0.46%	-	-
		5,015.15	2.47%	-	-
	˩	**30,161.29**	**14.88%**	-	-

26.59% ᵽ ̀Ẽ̃ φ \ ᵒ̊ شخ ᴅ ᵸ 23.82% ᵞ ɢ

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		2022E	2023E	2024E
	-	7,036,229.92	8,252,893.06	9,679,934.37
	69.81%	**4,912,168.84**	**5,761,551.94**	**6,757,805.32**
	12	872,710.36	1,023,614.26	1,200,611.57
	7	547,689.66	642,392.90	753,471.67
	16.80%	1,182,076.68	1,386,474.37	1,626,215.30
	1	120,300.82	141,102.52	165,501.13
	5.61%	394,421.95	462,623.05	542,617.09
	25.22%	1,774,324.15	2,081,129.76	2,440,986.37
	0.29%	20,645.22	24,215.07	28,402.19
	57.89%	**4,072,955.77**	**4,777,227.12**	**5,603,276.90**
	27.46%	1,932,267.42	2,266,383.64	2,658,273.25
	18.35%	1,291,207.95	1,514,475.97	1,776,350.17
	4.94%	347,326.85	407,384.55	477,827.07
	7.14%	502,153.55	588,982.97	690,826.41
	11.93%	**839,213.07**	**984,324.82**	**1,154,528.43**
	-	207,653.22	145,111.75	170,203.61
				522,968.58

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1	ὖ Ţ	74,978.81	50,000.00	24,978.81
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	̤	**2,163,689.57**

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522,968.58 ̈Ḥ ί ĩ̤

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قمم Ð شخڤ Ɛ PERC P قمم Ð 0.15 ̈Ḥ/W ₮ ɢ Ẋ N قمم

P قمم Ɛ 0.05 ̈Ḥ/W غ̣ N قمم ڤ Ɛ ǟ

شي P قمم Ɛ ’ ɣ PV Infolink ᵒᵒ ĩ P قمم

Ɛ ɯ 0.05 ̈Ḥ/W ▯ ⌊ ɤ ĩ

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	T+2	T+3	T+4	T+5~T+12

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	2021	2020	2019	
	2.20%	2.66%	7.22%	4.03%
	2.79%	2.50%	2.23%	2.51%
	1.77%	2.10%	2.30%	2.06%

0.05%

2% N

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E 2022 ʅ `E˜ N قمم Ð شخڤ E PERC P قمم Ð 0.15

˝Ḥ/W ₮ G Ẋ N قمم Ð P قمم Ð E 0.02 ˝Ḥ/W غج N

قمم Ð ڤ E ᾰ شي P قمم Ð E ' γ PV Infolink

˚˚ Ï P قمم Ð E ɯ 0.02 ˝Ḥ/W N قمم

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	T+1	T+2	T+3	T+4	T+5~T+11
ʒ ˜ ˝Ḥ	189,823.15	1,186,569.57	1,122,000.21	1,100,477.09	1,086,128.34
ɿ E ˝Ḥ/W	1.56	1.46	1.38	1.36	1.34
˚˚ GW	1.22	8.11	8.11	8.11	8.11

/W

2022 1-9	1.79	-	1.85	1.81
2021	1.69	1.57	1.63	1.64
2020	1.74	1.57	1.66	1.62

2020 -2021 1-6

2020 -2022 1-9

2020

-2022 1-6

1.56 /W 1.34 /W

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/	23.38-27.91	23.78-28.36	-	-
/	7.31-13.16	-	7.61-11.35	7.29-13.04

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2019 -2022 1-3

2019 -2022 1-6

2019 -2022 1-3

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ᵒᵒ ᵖ ᵗᵒ ʒ ˜ ˝Ḥ	1,101,194.53
ᵒᵒ ᵖ ᵗᵒ ≠ ˝Ḥ	17,115.87
ᵖ U	18.92%
ᵹ U	5.81

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		O	ᵖ U	ᵹ	≠
ᵐ ᵠ	2020	ᵹ γ 10GW ᵠ ƎƎ Ð	17.56%	6.14	14.53%
	2019	ᵒᵒ 3GW ᵛ ℗ ᵛ Ð	18.85%	5.71	
ᵛ	2021	ᵐ ᵛ 15GW ᵠ ƎƎ Ð	14.00%	6.28	11.30%
ᵠ	2022	ᵒᵒ 5GW Ð	16.49%		

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Ò 8GW Ð

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Ð ˚ 8GW “ 8 ˙˙˙ ˩ . Ð ” 7/8 ˚

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1 15% 2 100%

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	T+1	T+2	T+3	T+4	T+5~T+11
	189,823.15	1,186,569.57	1,122,000.21	1,100,477.09	1,086,128.34
/W	1.56	1.46	1.38	1.36	1.34
GW	1.22	8.11	8.11	8.11	8.11

/W

2022 1-9	1.79	-	1.85	1.81
2021	1.69	1.57	1.63	1.64
2020	1.74	1.57	1.66	1.62

2020 -2021 1-6

2020 -

P 0.05 /W N

11GW

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	2021	2020	2019	
	2.20%	2.66%	7.22%	4.03%
	2.79%	2.50%	2.23%	2.51%
	1.77%	2.10%	2.30%	2.06%

1%

1.5%

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3%

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13% 7%

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25%

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ᵃᵒ ṗ شخ ʒ ˜ ˝Ḥ	1,101,194.53
ᵃᵒ ṗ شخ ≠ ˝Ḥ	17,824.00
ṗ U	21.73%

ɤ U	5.38

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˜ “ 8GW ˧ . Ð ” ˜

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ضم ℗ 10GW

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	T+2	T+3	T+4~T+12
ʒ ˜ ˝Ḥ	531,693.51	480,151.07	417,272.35
ɿ E ˝Ḥ/W	0.59	0.48	0.42
˚ GW	9.00	10.00	10.00

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	2021	2020	2019	
	2.20%	2.66%	7.22%	4.03%
	2.79%	2.50%	2.23%	2.51%
	1.77%	2.10%	2.30%	2.06%

0.5%

1%

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ⱱ ч 13% ⱡ 7%

ⱳ ⱱ 5% Ɒ ⱨ ≠ ч

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ⱺ ⱹ ⱻ ~ Ḥ	424,258.87
ⱺ ⱹ ≠ Ḥ	58,736.96
ⱹ U	22.68%
ⱡ U	5.65

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ˋEˆ		ⱺ	ⱹ U	ⱡ	≠
˜ ⱬ	2022	ⱺ 35GW ⱺ	24.60%	4.89	18.03%
м	2021	15GW ⱺ ⓟ	17.76%	5.97	18.03%
‹	2020	Ч 10GW ⱺ	17.01%	7.01	19.53%
TCL Ţ	2021	50GW G12 ⱺ ⱺ	38.44%	4.21	22.12%
		ⱱ ⱹ	**24.45%**		

2022 7

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Ð	893,847.69	98.56%	767,705.46	93.80%	744,852.18	97.93%	648,626.44	96.74%
	662.52	0.07%	29,903.26	3.65%	7,017.90	0.92%	16,468.03	2.46%
	4,946.70	0.55%	4,165.85	0.51%	1,756.65	0.23%	758.71	0.11%
h ʒ ⊢ ≠™	**899,456.90**	**99.18%**	**801,774.56**	**97.97%**	**753,626.73**	**99.08%**	**665,853.18**	**99.31%**
ì ɪ ʒ ⊢ ≠	7,435.97	0.82%	16,637.61	2.03%	6,970.28	0.92%	4,601.70	0.69%
™	**906,892.87**	**100.00%**	**818,412.18**	**100.00%**	**760,597.01**	**100.00%**	**670,454.88**	**100.00%**

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خش ʏ ᴇ №≠ ч 58.37 ″Ḥ/ ∖ ѽ 61.17 ″Ḥ/ ∖ ѽ 158.41 ″Ḥ/ ∖ ѽ ғ 220.26

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	2022 1-9		2021		2020		2019	
		∖		∖		∖		∖
Ð ڤ ˜	**5,088,492.10**	**100.00%**	**3,766,312.66**	**100.00%**	**3,252,518.73**	**100.00%**	**2,828,353.47**	**100.00%**
ỉ Ţ ṗ ڤ ˜	1,511,162.20	29.70%	727,837.96	19.32%	517,936.41	15.92%	382,671.42	13.53%
ڤ ˜	3,577,329.90	70.30%	3,038,474.70	80.68%	2,734,582.32	84.08%	2,445,682.05	86.47%
Ð خش ڤ ᴇ		**1.79**		**1.69**		**1.73**		**1.99**
ỉ Ţ ṗ ڤ ᴇ		1.63		1.60		1.40		1.59
ڤ ᴇ		1.86		1.72		1.81		2.08

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ˋE˜	2022 1-9	2021	2020	2019
1	-	17.06%	20.53%	24.57%
˙˙ ώ 2	11.82%	12.43%	14.90%	17.30%
3	-	14.15%	16.09%	21.02%
- ώ	-	-2.43%	0.41%	7.24%
ɟ ɕ ɥ	**-**	**10.30%**	**12.98%**	**17.53%**
ώ Ǝ Ð ≠	**10.40%**	**13.40%**	**15.08%**	**19.99%**

1 2019 غ 2020 ч ǐ ˋE ǔ ˜ ˋE˜ ṽ ├ ת й " ˥ ǐ Ð "˚˚ ج ≠ 2021 ɢ ǐ 2021 p №˚˚ ج " Ð ǐ " ≠ 2022 p №˚˚ ج / ʒ ⊦ ﻡ ~ ǐ ≠ '

2 ˙˙ ώ 2019 غ 2020 ɢ ǐ h ǔ ˜ ˋE˜ ṽ ├ ת й " ώ Ǝ Ð "˚˚ ج ≠ 2021 ɢ 2021 p №˚˚ ج ≠ 2022 1-9 ɢ ǐ h ǔ ˜ ˋE˜ ṽ ├ ת й " ώ Ǝ Ð "˚˚ ج ≠

3 غ. ώ ɢ ǐ 2019-2021 p 2022 p №˚˚ ج / ʒ ⊦ ﻡ ~ ǐ ≠ '

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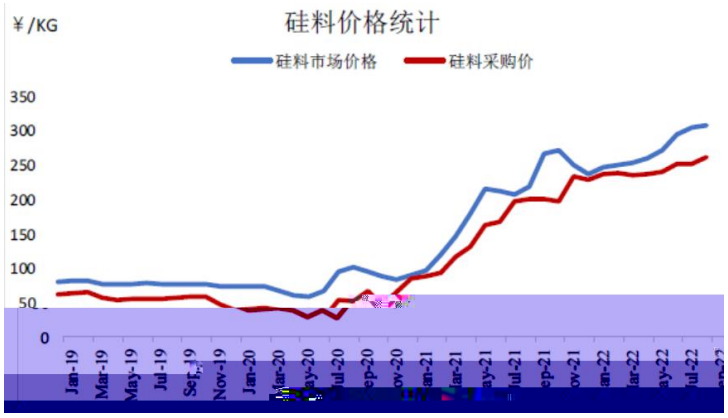
شخ ⅃ E №≢ ɥ 58.37 ˝Ḥ/ ⅃ ᾤ 61.17 ˝Ḥ/ ⅃ ᾤ 158.41 ˝Ḥ/ ⅃ ᾤ غ 220.26 ˝Ḥ/ ⅃ ᾤ

	2021 2022	
		 2020 2019 2021 2021
	2022	Wind 2019 2022 6 73 / 85 / 235 / 269 / 2019 2022 1.50 /W 1.36 /W 1.41 /W 1.58 /W 2022 2021 235 / 2022 6 269 / 2020 “ ”

	2021 2022	2021 CCFI 2,615.54 165.69%
		2020 97,193.53 198,253.64 329,691.17
		2022 2022 6 2022 6
	2021	

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3 2022 9

256,159.43 107,206.87

200,628.29 721,915.76 8.14% 3.11%

4.21% 9.67% 2022

2021 158.41 /

2022 1-9 220.26 /

2022 9

2022 9

PV Infolink

PVInsights Energy Trend

2022 9

1.82%

2022

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˜ خش ヿ Е №≠ ч 58.37 ˝Ң/ Ν ۋ 61.17 ˝Ң/ Ν ۋ 158.41 ˝Ң/ Ν ۋ ғ 220.26

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̋Ḥ 607,604.57 ̋Ḥ غ 684,285.69 ̋Ḥ \ ǖ ̣ ڤ ᵖ №≢ ᶣ 30.41%

20.44% 14.98% غ 12.97% ᵽ ṗ ̀Ẽ̃ ╟ ɲ ڤ \ ᵗ ᵇ

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2019	1	NEXTERA ENERGY, INC.	32.43	11.00%	2015	NEXTERA ENERGY يج `E˜ ٦ NEE.N ue ŋ ضم ʐ `E ˜ ضي ˜ `P ɾ غ ʊ̈		2018 NextEra 1.75GW 2019 1GW Sanford Estoppel DG2, Two Creeks
	2	X-ELIO ENERGY SL	18.38	6.23%	2018	X-ELIO ᵠ̈ ƎƎ ʐ ي ╠ 2GW ᵠ̈ ƎƎ ضي ≠ يج ≠ ف ≠ ˇ ᴗ شخ ضر WHu		2019 X-ELIO Vigo Mexico 555MW 378MW 2020
	3	يج ʐ فج `E˜	14.81	5.02%	2016	يج Ţ يج قمم ٥ ʒ يج ɲ ʊ̈ فج Ḥ ŋ ᵠ̈ ƎƎ ʊ̈ ٥ ʒ		1.9GW & 2020
	4	Enel	13.53	4.59%	2010	Enel ≠ يج ʐ `E˜ ᴗ ≠ ├´ ٦ ENEL.BSI غ ʲ ├´ ٦ 0NRE.L `E˜ ᴗ ≠ ʊ̈ ʟ ي 2021 ɓ 500 O 118 β		2019 ENEL 477.58MW
	5	SPOWER, LLC	10.54	3.57%	2015	SPower يج ˉ ˇ AES Corporation غ ᴠ Alberta Investment Management Corporation ɢ 2017 يج `E Hu ʒ ʊ̈ ي ĭ ʊ̈ ي (IPP)		2018 Spower 1.5GW 2019 300MW SPRWY

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NEXTERA

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	5	TRUNG NAM CONSTRUCTION INVESTMENT CORP.	9.36	2.78%	**2014**	˥ Ţ ˥ ɤ̣ ɢ 2004 17 2 1,500 ˜ ʊ 15 2 `Ẽ̃ ɾ ʒ ⊢ ĩ ɦ ضر غ ˚ ɥ ˥ ɟ ɦ		˥ Ţ ˥ ɤ̣ Ð ɢ ì 611MW ѿ ∃ ɤ̣ ɒ ṕ ~ ╟ ɲ **2021**
2021	1	Adani Green Energy Ltd.	18.76	4.62%	**2018**	Adani ˥ ˜ ˈP `Ẽ̃ ɦ ì ǖ غ `E Ɦ ʒ غ شي ˜ ɥ 20,434 ѿ ǖ ˪ Ţ غ ɾ ɣ ĩ `Ẽ̃		Adani Ð ɢ ì ˥ جمي AEML700MW غ SECI600MW ˜ ɤ̣ ɒ ṕ ~ ╟ ɲ **2022 4 2022**
	2	ALDO COMPONENTES ELETRONICOS LTDA.	15.26	3.76%	**2018**	ALDO β ɢ ѿ ∃ Ð № ɟ ɦ ʒ ⊢ غ ڤ ѿ ∃ ǖ ĩ كح ĩ ˥ كح ɣ ĩ ì ɾ Ð غ Ð ì ضي شي M ɥ 30% `Ẽ̃ 2018 ì ˜ ƀ ˜		ALDO ضي № شي ˥ 30% ɢ ضر β ƀ ɥ ALDO ɦ ˪ ɟ ĩ ˜ ƀ ɤ̣ ɒ ṕ ~ ╟ ɲ
	3	Enel	9.61	2.37%				**2021 ENEL 187MW Enel Green Power Roseland Solar 607MW**

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	4	Ţ ᵹ ᵹ ᵽ `E˜	9.45	2.33%	2018	Ţ ᵽ ᵹ ᵹ Ţ ᴏ ʒ ŋ ᵞ `E˜ 2018 ì ᵹ ƀ ˜		100MW 20MW
	5	ABC Renewable Energy (RJ-01) Private Limited	7.68	1.89%	2021	Brookfield ᴗ `E˜ Brookfield ᵒ 7,500 ˍ ˜Ḥ ƀ ᵹ ŋ ᵹ ᵹ 100 ᴗ˜		ᵽ ᴏ ì ᴗ NTPC453MW ᵹ ᵽ ᵽ ˜ ╠ ᴊ 2022 4 2022
2022 1-9	1	ALDO COMPONENTES ELETRONICOS LTDA.	20.88	3.96%				ALDO 30% ALDO 2022 2.2GW
	2	Enel	14.56	2.76%				2022 Enel 122.82MW Enel 132MW

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	3	Ţ يج فج `Ẽ̃	11.98	2.27%	**2017**	يج ⊢ ‰ يج ⊢ يج ᵒᵒ 2 Ψ قمم فج ϥ ŋ ʒ ʒ ˡ ʳ. ŋ ⅃ ɯ ʊ̈ غ ⊢ ¨ قمم فج `Ẽ̃		`Ẽ̃ يج ṗ شي غج Ţ Ţ فج 500MW ʳ ϣ̈ Ǝ ᵒᵒ ʒ. . `Ẽ̃ ¨ 100MW ˈ ϣ̈ ε ϣ̈ Ǝ ʊ̈ Ţ غج ɒ ṗ ϥ ╠ ɲ
	4	Ţ يج ʒ فج `Ẽ̃	10.63	2.01%				**70MW** **100MW**
	5	VALE S.A.	10.37	1.97%	**2021**	VALE `Ẽ̃ VALE ʒ ɢ . ϥ Ψ ŋ ᵒᵒ ج `Ẽ̃ ĩ `Ẽ̃ β ɢ ʒ ⊢ ŋ 30 ɷ يج 2 11 ¨		ɒ ɢ ì SoldoCerrado766MW غج ɒ ṗ ˜ ╠ ɲ

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	2022 1-9	2021	2020	2019	
	21.48%	9.05%	18.69%	17.96%	9.05%~21.48%
	14.31% 2	18.54%	17.87%	19.34%	14.31%~19.34%
		33.29%	59.65%	60.00%	33.29%~60.00%
		18.19%	18.55%	22.11%	18.19%~22.11%
	-	13.80%	18.28%	18.65%	

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2022 9	1	м		559,757.00	21.49%
	2	м		287,849.72	11.05%
	3	Ţ ѽ		158,675.00	6.09%
	4		.	91,194.65	3.50%
	5	Ḡ ≠ ∀		90,520.00	3.48%
	▪▪			**1,187,996.37**	**45.61%**
2021	1	м		145,911.00	13.11%
	2	м		119,286.07	10.72%
	3	ŋ		69,590.00	6.25%
	4	Ḡ ≠ ∀		54,880.00	4.93%
	5		.	52,018.55	4.67%
	▪▪			**441,685.62**	**39.68%**
2020	1	м		79,930.41	9.76%
	2	Ḥ ɥ ѽ	.	57,166.25	6.98%
	3	м		53,250.00	6.50%
	4	м		45,779.60	5.59%
	5	м		41,050.00	5.01%
	▪▪			**277,176.26**	**33.84%**
2019	1			40,646.00	6.35%
	2	Ḥ ɥ ѽ	.	39,824.88	6.22%
	3	м		37,180.00	5.81%
	4	м		34,613.04	5.41%
	5	Ţ м		33,840.00	5.29%
	▪▪			**186,103.92**	**29.07%**

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4 ʊ̈ ɒ ʏ̣ ̀Ɛ̃ ɪ́ ̈Ω̣ ̃ Ḥ ʊ ʒ ⊢ ṗ ̀ᴇ ʊ̈ ´

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ᵖ №≢ ч 96.55% 98.00% 95.71% غ 98.13% `Ẽ ᵃᵒ Ð ŋ ɑ

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ضرڤ ᴍ	2022 1-9		2021		2020		2019	
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	1,333,978.55	26.22%	747,901.78	19.86%	477,455.53	14.68%	520,018.91	18.39%
ˇ	871,850.11	17.13%	1,005,987.94	26.71%	952,147.95	29.27%	726,603.79	25.69%
.	367,553.67	7.22%	661,159.31	17.55%	1,007,584.99	30.98%	754,961.90	26.69%
	742,883.80	**14.60%**	**472,996.62**	**12.56%**	**205,832.17**	**6.33%**	**335,038.23**	**11.85%**
	261,063.78	**5.13%**	**150,429.06**	**3.99%**	**91,561.67**	**2.82%**	**109,059.21**	**3.86%**
ᵕ	**3,577,329.90**	**70.30%**	**3,038,474.70**	**80.68%**	**2,734,582.32**	**84.08%**	**2,445,682.05**	**86.47%**
ṗᵕ	**1,511,162.20**	**29.70%**	**727,837.96**	**19.32%**	**517,936.41**	**15.92%**	**382,671.42**	**13.53%**
ᵕ	**5,088,492.10**	**100.00%**	**3,766,312.66**	**100.00%**	**3,252,518.73**	**100.00%**	**2,828,353.47**	**100.00%**

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2,734,582.32 ˝Ḥ 3,038,474.70 ˝Ḥ غ 3,577,329.90 ˝Ḥ **7.50%**

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Bloomberg

2022 -2023 250GW 350GW

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ᵽ ṗ ̀Ẽ̃ ᵭ ڤ ̃ ᶣ 2,445,682.05 ̈Ḥ 2,734,582.32 ̈Ḥ 3,038,474.70 ̈Ḥ غ 3,577,329.90 ̈Ḥ **32.43% 11.81% 11.11% 78.30%** ᴝ ڤ ̃

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	77.4	415.1GW	423.5GW	465.2GW
	80.5%	98.1%	85.1%	77.2%
	64.2	232.9GW	223.9GW	220.8GW
	78.8%	97.3%	88.4%	82.3%

2021 -2022

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2,393,576.82 **30.88%**

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		2022	2023	2023	2023
	1,118,908.17	319,180.02	364,096.68	165,573.60	270,057.88
	9,002.66	1,456.90	2,004.01	1,905.24	3,636.51
	23,452.76	5,633.86	5,716.19	5,799.62	6,303.09
	[redacted]	34,314.60	28,980.68	33,848.18	28,643.74
	1,277,150.80	360,585.38	400,797.56	207,126.64	308,641.22

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		153.42		163.61	105.22%
		82.02		52.30	
		30.00		36.36	
		265.44		252.27	
		393.95		379.99	103.67%

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	2022-09-30/ 2022 1-9	2021-12-31/ 2021	2020-12-31/ 2020	2019-12-31/ 2019
ᵀ̀	1,238,477.31	738,220.77	763,378.05	608,724.53

	2022-09-30/ 2022 1-9	2021-12-31/ 2021	2020-12-31/ 2020	2019-12-31/ 2019
ʒ ˜	5,277,172.44	4,056,961.83	3,365,955.42	2,948,957.62
ɪ̀ / ʒ ˜	17.60%	18.20%	22.68%	20.64%
ɪ̀ / ʒ ˜	19.92%	27.18%	24.94%	25.28%
ȳ ɛ̣ ɔ ɪ̀ ' ⊢ ʊ	4,392,806.83	2,781,298.08	2,489,569.52	2,483,410.38
ɪ̀ / ȳ ɛ̣ ɔ ɪ̀ ' ⊢ ʊ	21.14%	26.54%	30.66%	24.51%
ɪ̀ / ȳ ɛ̣ ɔ ɪ̀ ' ⊢ ʊ	23.93%	39.65%	33.72%	30.02%

2022 1-9 ɪ̀ / ʒ ˜ ɪ̀ / ʒ ˜ ɪ̀
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	A	ṽ B	A/B	A	ṽ B	A/B	A	ṽ B	A/B	A	ṽ B	A/B
	520.06	880.36	0.59	291.72	501.48	0.58	269.63	520.37	0.52	193.36	310.09	0.62
ѽ⁼	161.73	586.84	0.28	106.90	453.76	0.24	94.29	298.92	0.32	58.27	237.93	0.24
˗ѽ	41.39	84.64	0.49	26.15	52.89	0.49	19.94	48.38	0.41	15.44	31.10	0.50
	112.60	482.77	0.23	132.19	402.50	0.33	94.93	224.58	0.42	57.21	202.33	0.28
شخ	208.95	508.65	0.41	139.24	352.66	0.39	119.70	273.06	0.44	81.07	195.36	0.41
	264.00	853.96	0.31	184.09	593.14	0.31	160.29	380.21	0.42	135.42		

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2,913,216.28 ″Ḥ Ѝ ᵣ

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	2022-09-30/ 2022 1-9	2021-12-31/ 2021	2020-12-31/ 2020	2019-12-31/ 2019
Ṣ	1,118,908.17	1,168,997.30	727,703.58	810,730.68
ṗ ⌡ ˜ ṽ	158,242.63	170,070.56	82,514.02	81,524.45
ѝ Ţ ṗ ⌡ Ṣ	9,002.66	19,081.51	12,330.67	20,688.09
ṗ ⌡ ᴜ	125,787.21	141,245.42	70,183.36	60,836.36
ṗ ⌡ ṽ	23,452.76	9,743.63	-	-
ѝ ѓ ˜ ṽ -ڤU ᵹ	-	10,000.00	-	-
ѝ ѓ ᴜ - Ṣ	-	88,051.53	46,208.94	37,144.80
Ṣ	329,481.29	39,933.44	39,616.19	38,350.30
ṽ	54,376.84	61,507.02	-	-
ᴜ	1,252,207.34	1,025,934.53	697,534.94	405,134.50
ѝ Ţ ڤU ᵹ	185,562.44	150,270.72	41,959.82	102,193.99

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2022-09-30/ 2022 1-9	**2021-12-31/ 2021**

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□ ≠ the European Patent Office ˝ ضي □ EP2220689

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2019 3 ɭ ɣ ڤ ج ˜ ǐ ≠ ǐ ʊ

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2012 ǐ 2013 ₹₀ HRD №≠ ϡ ң м ώ Ǝ Ð˚˚ ج ڤ
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Ð˚˚ ج ´ APA Ð ǐ AAA Ð ˙˙˙ ڤ ч 67,150,000.00 ″Ң
ɣ “ 2012 ڤ˙ □ ” ǐ “ 2013 ڤ˙ □ ”

2018 11 ₹₀ ⌠ HRD ₱ Ð ₱ Ð ǐ HRD ɣ
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Ǝ Ð˚˚ ج ˚˚ ﻍ / ₹₀ ẽ

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ڤ 365,000 73 ᷒ MW ɒ ᷒ ∃ ɒ ج ´ AAA ɒ
ض ∕ æ 2012 ڤ ǐ 2013 ڤ 500,000 100 ᷒ MW
ɒ ᷒ ∃ ɒ ج ´ APA ɒ ǐ AAA ɒ ২ h ᵴ ..
ڤ 49,195,000 ¨Ḥ

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ŋ ∢ SIAC HRD ŋ ˜ ∨ ᷒ ╠ HRD
Ṗ ŋ ᵒᵒ ج Ţ 135,000 27MW ɒ APA ɒ ₣ ĸ ᵥ h ỳ
∢ ą AAA ɒ ض نه ᵒᵒ ج ₣ο . 365,000 73MW ɒ
AAA ɒ Ţ ض نه ᵒᵒ ج ɷ ≠ ɒ ᵒᵒ ج ĸ ɢ HRD
æ ɒ ɒᵒᵒ ج ش 2012 ڤ ǐ 2013 ڤ
60 ɷ Ḡ HRD ɣ ŭ ɢ Ḡ
ṗ ض ŭ ᵒᵒ ج 2012 ڤ ∢
ḱ ᵒᵒ ج ĸ HRD ỳ ẽ 2013 ڤ
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h X-Elio ڤ 200MW ᷒ ∃ ɒ ج .. ڤ ɥ

37,746,207.60 ʺḤ ɣ “ X-Elio ڤ □ ”

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ǐ ʊ X-Elio ڤ □ ɥ ⊢ X-Elio □ □ 2

X-Elio ڤ □ 15 h X-Elio ʊ 1,000,000 ʺḤ

3 h X-Elio ʊ ǐ ʗ ʒ ᴵ ȳ □ ʊ ᴇ

ᴇ ᵸ 8,430,580.91 ʺḤ 4 ᵸ ɢ ᵸ غ ᴴ

5 X-Elio ڤ □ 11 h X-Elio ʊ ǐ ɾ

´ i X-Elio ضي ǐ ɾ ʒ ⊢ □ ɢ ᵕ̈ ∃ ᵃᵒ

ǐ ɾ ’ ǐ́ ╠ ᵀ ᵸ 2,700,689.14 ʺḤ

2,098,910.49 ʺḤ ii غ iii ɢ

ᴅ ǐ́ ᵃᵒ ii غ iii ǐ́ ʳ ╠ ᵀ X-Elio

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h X-Elio ʊ ǐ ɢ æ Ţ ᵃᵒ æ ”

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æ Ţ X-Elio ₮ 5 ˜ ɢ ᵀᴱ̃ ễ X-Elio ʊ ǐ ɾ

≠ h X-Elio ₮ ᵸ 2,098,910.49 ʺḤ

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غ 840 ʺḤ ɣ ᴪ ŋ ”

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Sterling and Wilson Private LIMITED ŋ ̀Ẽ̃ SW FZE ̀Ẽ̃ ɢ 2017 5 5 ↻ м ð ᴸ ... □ ... □ ɢ 2017 12 28 2019 1 30 ʜ ḱ ɣ ... “ SW ð ᴸ ... □ ” SW ð ᴸ ... □ ̀Ẽ̃ h Sweihan [6] ᴸ 3,228,400 ð 1.18GW ч 427,384,874.40 ″Ḥ

2022 7 26 ̀Ẽ̃ ⌠ ICC ˇ ɢ ỳ SW FZE æ ˇ SW FZE ₣ h “ 1 ǐ SW ð ᴸ ... □ ǐ ˇ Ḡ ð Ḡ ʯ ⊢ ŭ h SW FZE ḱ SW FZE ض ѽ ∃ ð 2 ɢ ╠ ч h ỳ ∪ ẽ 1 307,112,787.38 ″Ḥ 2 ч ð ɜ 32MW ѽ ∃ ð ̊ ҷ ̊ 14,145,335.16 ″Ḥ ɣ ǐ 3 ʒ h h 4,281,606.00 ″Ḥ ẽ ч 325,539,728.52 ″Ḥ ”

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ᵪ æ ð й “ ╠ ð . ɢ ð Ω ̵ Δ æ ð SW FZE ض ∪ æ Ţ ´ h ǐ ǐ ð ǐ Hᵤ ð ð ∞ ═ ɢ 2024 4 30 ╠ ƀ ₣ ǐ ... æ ̂ ”

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[6] ̀Ẽ̃ Sweihan PV Power Company PJSC ض ѽ ∃

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SW FZE ᴜ̆ ᵹ ᵛ ”

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Ο Ð	⊢ ' ʒ		ǚ ʒ	ת ʒ
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	æ Ð й X-Elio ˛ ▯ ч ч X-Elio ₮ 100 ˝Ḥ `Ε ˜ ᵖ χ ї ᶾ ʌ ɚ h 840 ˝Ḥ `Ε ˜ № ɢ X-Elio ₮ 270 ˝Ḥ ˧ ₮ 100 ˝Ḥ ễ ɛ 840 ˝Ḥ ɣ ễ ψ ŋ	“ ”		
	₮ ɢ `Ε ˜ X-Elio ₮ 100.00 ˝Ḥ ї 8,430,580.91 ˝Ḥ 50% ễ 4,715,290.46 ˝Ḥ ṽ ˛ ˛ ч 3,046.12 ˝Ḥ ˜ ṽ ˜Ḥ№ ˛ ο ʒ ψ ‰ ↕ ˜ Ð `Ε ˜ ⊢ ' ψ˚˚ ≠ ǰ	2019-2021 1-9 117.40%	17.29% 2022 527.72	

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ð O	⊢ ' ʒ		ʒ Ü̈	ת ʒ
	ɤ Ĭ Ĭ ð ˋEˆ ᵒᵒ ⊢ ' ψᵒᵒ ≠ ʒ̈		ˇ ∨ ð ᵒᵒ ɟ ɤ ᵒᵒ ⊢ ᵒᵒ ɟ ɤ ᵒᵒ ɟ ɤ ₮o ∨ ضر ɤ ᵒᵒ ɟ G Ĭ Ĭ ᵒᵒ ɟ ᵒᵒ ð ɟ o ∫ ɤ Ĭ Ĭ ɤ Ĭ Ĭ ɤ й “ ∧ ɒ ɤ ↕ ∨ ɣ ∨ Ḃ ∞ ⊜ ∧ ɒ Ƶ ψ ⋮ ” ð ψ ˋEˆ Ü̈ ᵒᵒ ≠ ʒ̈	ð ψ ˋEˆ ɣ̇ ʒ̈ ת ψᵒᵒ ≠ ʒ̈

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2022 -2023

52.00
47.75 74.79 133.40 2021
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250GW 350GW

	2022 1-9 5.71% 357.73 78.30%			
	75.50 100.76 66.12 36.76 2022 1-9 7.22% 357.73 78.30%	2022 1-9 357.73 78.30%		

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3 ∀ ᵹᵒᵒ ج æ ð ᵹ ǂ í Ǖ ¬ Ǔ̆ ð̈ æ HRD ɢ æ ∩ ψ Ţ ǂ ∤ æ h ᵡ æ ɳ ч ∜ ą æ ǂ₀ ǂ ف ᵒᵒ ج ضᵒᵒ ج ê ĸ HRD ŋ h ˜ ʏ Ǖ ¬ ˜ ð ↄ ṽ ð Ǖ ¬ ʒ ⊢ ᵒᵒ ≠ ǯ h r ǐ ɲ h r ᵒᵒ ج ǐ ɲ ᵒᵒ ج

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4,281,606.00 ̈Ḥ æ ̃ ʏ ▼ φ æ Ǯ ̣ ضي SW FZE
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Ţ E h `E˜ ˡ ريال سجد ’ G ɬ

`E˜ Ð E Ţ ˡ ي E E ì

Ţ ˡ ي E E 2019 2020 2021 غ 2022 1-9

`E˜ h Ţ ɬ شخ ريال سجد E h ì ɪ Ɦ ˡ ي شخ E

№≠ ч -4.42% -4.79% -12.08% غ -4.15% 2021 `E˜ h Ţ ɬ

شخ ريال سجد E Ẓ ٧ Ɦ ʌ غج ч ɬ ريال سجد E

ÈÐ λ τ ë E í ë

̀Ɛ̃ ᵠ̣̈ ∃ ᴅ ᴠ غ ⊢ OEM ⊢ ˪ ي

ᵽ ṗ ᴙ ̀Ɛ̃ ᵃ̈ ̀Ɛ̃ ᴙ ̀Ɛ̃ ˪ ᵠ̣̈ ∃ ᴅ ᴠ غ ⊢ U ɤ̣ ̀Ɛ̃

ᴅ ᵒ ᴬ ᴬ ᴠ ᴝ ᴝ ᴠ ɤ̣ ̀Ɛ̃ ɢ 2022 1

ì ̀Ɛ̃ ŋ ɤ̣ ᵽ ṗ ̀Ɛ̃

h ᴅ ᴠ ⊢ í ̣ غ

ʒ Ţ OEM ᴝ ي Ɲ ᴙ ̀Ɛ̃ ضي ˪ ي O Ţ

ᴇ ᴇ OEM ⊢ ˪ ي 2019 2020 غ 2021 ̀Ɛ̃

˪ ᵠ̣̈ ∃ ᴅ ᴠ غ ⊢ شخ ᴇ شخ ᴇ ᴙ

7.01% 4.24% غ -3.22% ضي ´ ᴇ í شي ̀Ɛ̈Ḥ

h ʐ

̀Ɛ̃ h ̀Ɛ̃ ₮ / ضر ˪

̀Ɛ̃ № ᵠ̣̈ ∃ ᵕ̈ ᴝ / ضر ᵠ̣̃

ᵕ̈ ᴨ ᵠ̣̈ ˪ ̀Ɛ̃ ą ضي ɤ̣ ̀Ɛ̃ h

ʐ í ̣ غ

̀Ɛ̃ ʐ ᴇ ضر ▯ ʒ ᴇ ᴙ ‰ ʒ 10%-20%

ᴝ ᵠ̣̃ ₮ / ضر ĭ ᵃ̈ شي ᴇ

U ᴝ ي ´ ᴇ í ̀Ɛ̈Ḥ

h ṗ ᴉ ̀Ɛ̃

ᵒ ᴬ ᴙ Ḡ ᵒ ج ˪ ̀Ɛ̃ ɢ 2021 6

ᴍ ̀Ɛ̃ ̈ ▯ ṗ ᴉ ɤ̣ h ì

í ̣ غ

̀Ɛ̃ 2022 9 h ṗ ᴉ ᴇ ᵃ̈ Ţ يج

ʒ ᴝ ᴡ ʒ № ᴡ ̀Ɛ يج ṗ ʒ شي ᴇ ʏ ĭ PV Infolink PVInsights

Energy Trend ʒ ᵕ̈ شي ᴇ ṗ ᴉ ᴇ ᴇ ̀Ɛ

̈Ḥ 2022 9 ̀Ɛ̃ h ṗ ᴉ شخ ᴇ ʳ شخ ᴇ

ᴙ 1.82% ضي ´ ᴇ í شي ̀Ɛ̈Ḥ

ᴋ ̀Ɛ̃ ᵕ̈ ̣ ᴠ

ɒ ṗ ĸ ̀Ẽ̃ ϒ “ ĸ ”

ώ ώ к ̀Ẽ̃ ̀Ẽ̃ ̀Ẽ̃ ضم

ɏ ĸ h ̀Ẽ̃ ᴸ □ ̀Ẽ̃ ĸ ɏ

U ĸ ΰ ̵ ΰ̋ ɏ G ̀Ẽ̃ ض №

ᵒᵒ ΐ̀ ϒ̂ ϒ ΰ̋ ≠ ج ´ ί̀ ̵ غ

´ ɏ ɏ ΐ̋ ϒ ي Ε ί̀ شي ̀Ε̈Ḥ ´

ϒ ̀Ẽ̃ ذ

h ڤ Ð

ɒ ṗ ̀Ẽ̃ ض h ˜ ڤώ Ǝ Ð ᵒᵒ ج h ﾉ

ج ч ώ Ǝ Ðᵒᵒ ج شي ΛU ƺ h ʒ ⊢ ч ώ Ǝ

ΰ ʒ ⊢ غ ώ Ǝ EPC ʒ ⊢ ض Ð ج

№ ᵒᵒ ج شي ́ ί̀ ̵ غ ώ Ǝ Ð شي

ч ˜Ḥ№ Λ∪ شي Ε ч ̀Ε ̀Ẽ̃ h ڤ Ð Ε ă̋

شي Ε ί̀ ̀Ε̈Ḥ ɒ ṗ h ڤ Ð

˜ \l ڤ ˜ ᴅ ч 0.09% 0.01% 0.07% غ 0.46% \l ϒ

ض ذ

2 ˜ ΐ̀ / ´ ΐ̋ / ₹´ ’

	ΐ̀	ᵒᵒ فمم			ε ш	
ă̋ ƺ ̀Ε ≈	ƺ M ̀Ẽ̃		٦ Ң	٦ 5 Ң ⌡ U ↕ ⌟ ϒ	ϒ ΰ̃ ɏ 18% ΰ̋ 250 ″Ḥ/ ΰ̋	2019 407.11 ″Ḥ

ă̋ ƺ ̀Ẽ̃ ΰ ⌟ ﾉ ̀Ẽ̃ 2019 12 U

ṗ ƀ ч ˜

ί̀ ɾ ’

2017 ̀Ẽ̃ ʒ ⊢ h ì ί̀ ΛU ƺ ᴸ ʒ ɾ 2017

Å ΰ ώ Ǝ G ̀Ẽ̃ ˜

٦ ̀Ẽ̃ / ̀Ẽ̃

̃ ᴋ ≠ ≠ № ▼ φ ᵒᵒ № ʏ ĭ № ʏ ̀ı ɾ ≠ ̃ ą

2018 6 3 ̀Ɛ̃ ̣ r Ţ ᷤ ∃ ǖ ضر 250MW ǟ ʐ ̀Ɛ̃ ̀ı Ţ ̀Ɛ ̃ ᴏ ʒ ̀Ɛ̃ 51% ɢ ̀Ɛ̃ ɾ Ɦ ᷤ ∃ ʒ ⊢ ʜ ɥ ʋ ᷤ Ð ̣ ᵹ ƀ ´ ≠ № ▼ φ ᵒᵒ № ʏ ĭ № ʏ ≠ ŋ ̀ı ą ´ ₮ ᴋ ψ Ɦ غ Ɦ ʏ ĭ Ɦ ═

ᴇ

ɯ ɴ ̃ ɢ ضر ɴ ̃ ̃ ̀ı ̀Ɛ̃ ∫ ǖ ĭ U ̣ ʐ ĭ ̃ ̃ ɴ ɷ ɪ́ ɾ ´

A

ʏ ̀ı ɥ Ɦ ǖ ʋ 18% ǔ ʋ ᴇ ‰ ʜ ǟ ʒ ⊢ ≠ ĭ ɴ ɷ ɴ EPC ʒ ⊢ ≠ ɥ 15% ̃ EPC ʒ ⊢ ≠ ᴇ ̣

B

ǟ ̣ ĭ ɴ ɷ U 0.01 ̈Ḥ/W ǔ ᴇ ̣ ̀Ɛ̈Ḥ

3

2	̀Ẽ̃ 2 ʒ		368.77	327.79	-	-
3	ʒ ̀Ẽ̃ ѽ Ǝ		ẽ 3	ẽ	ẽ	ẽ
4	ʒ ̀Ẽ̃ ä ѽ Ǝ		ẽ	ẽ	ẽ	-
5	̀Ẽ̃ ʒ		ẽ	ẽ	ẽ	-
6	̀Ẽ̃ ѽ Ǝ Ü		ẽ	ẽ	-	-
7	̀Ẽ̃ ѽ Ǝ Ü		ẽ	ẽ	-	-
8	̀Ẽ̃ Ч Ʉ		ẽ	ẽ	-	-
9	̀Ẽ̃		ẽ	-	-	-
10	̀Ẽ̃ ä ʒ		ẽ	-	-	-
11	к ̀Ẽ̃ ä ѽ Ǝ Ü		ẽ	-	-	-
12	Ü ̀Ẽ̃ Ũ	ضر	ẽ	-	-	-

ʜ ̀Ẽ̃ ,

₼	**₣ O 4**	₰	**2022 1-9**	**2021**	**2020**	**2019**
1	̀Ẽ̃		-	-	110.03	110.03
2	̀Ẽ̃ ٧ D⌟		-	110.03	-	-

1 ̀Ẽ̃ β ɢ ٧ 99 ٨ 5-6 ₣ ѽ Ǝ ʒ ̀Ẽ̃ W`E ą 2,016 2017 1 1 217.73 ″Ḥ 2021 4 ĭ ٧ ڍ

2 ̀Ẽ̃ β ɢ ٧ 1466 ʒ Ţ 1ˆ ٧ 6-7 ₣ ʒ ̀Ẽ̃ W`E ą 4,138.78 2025 4 30 ⌡ U ĭ ↕‴ ⌷ ⁻ 409,739.22 ″Ḥ

3 ʒ м ̀Ẽ̃ ̀Ẽ̃ ѽ Ǝ ʒ ̀Ẽ̃ ä ѽ Ǝ ʒ ̀Ẽ̃ ʒ ̀Ẽ̃ ↓ ẽ ٧ ̀Ẽ̃ ضر ڜ ч ̀Ẽ̃ ч ″Ḥ№ض ≠ ̀Ẽ̃ ٨ ٧ ″Ḥ ₀₀ ʒ ĭ ì ̀Ẽ̃ ‴ ƀ ɛ Ũ ‴ ƀ ضي ̀Ẽ̃ ٨ ٧ ṗ № ѽ Ǝ ĭ Ũ Ð ̀Ẽ̃ ᴸ Ü / п ѽ ᴸ ʒ ̀Ẽ̃ ̀Ẽ̃ ą ɛ

4 ̀Ẽ̃ ̀Ẽ̃ ץ “ ” β ɢ Ü ٧ ٧ E3-9-1 ڜضر ĭ ₇ £ 45ˆ ٨ 15,282.02 ھ 110.03 ″Ḥ ɢ ‰ ٨ ʒ ٧ D⌟ ̀Ẽ̃ ץ “ ٧ D⌟ ” 2020 12 Ü ‥ ٧ ڍ h ٧ D⌟ ĭ ч 110.03 ″Ḥ Ü ‥ ٧ D⌟

h ᾠ Ʒ ʐ ̀Ẽ̃ ʐ ̀Ẽ̃ ₮ ẀE

ɒ ṗ h ̃ ᾠ Ʒ ʐ ̀Ẽ̃ ₮ β ɢ

99 ̃ ᵒᵒ № ƀ ɥ ì ضي №ẀE شي ᾰ ʟ

Ώ ᴇ ₮ ẀE Ώ

ᴇ ɥ 2.5 ̈Ḥ/ / -4 ̈Ḥ/ / ₮ ̃ ẀE شخ

ɥ 3 ̈Ḥ/ / ضر ᴉ ẀE ضي ᴇ ̀E

̈Ḥ

2021 5 h ̃ ʐ ̀Ẽ̃ ₮ β ɢ

ᴉ 1466 1 ̃ ᵒᵒ № ƀ ɥ ì ضي №ẀE شي

ᾰ ʟ Ώ ᴇ ₮ ẀE

Ώ ᴇ ɥ 3.0 ̈Ḥ/ / -4.0 ̈Ḥ/ / ₮ ̃

ẀE شخ ɥ 3.3 ̈Ḥ/ / ضر ᴉ ẀE ضي

ᴇ ̀ËḤ

h ̀Ẽ̃ ₮ / ضر

̀Ẽ̃ h ̀Ẽ̃ ₮ / ضر ̀ËḤ № ᾰ

“ / /1/ 1 ج ي ᴸ غ ì ˡ ⊢ ̃ ´ ”

h ̀Ẽ̃ ᴵ ᴰ ̀Ẽ̃ ᴬ

̀Ẽ̃ غج h β ɢ ǖ ᴉ ᴉ

E3-9-1 شجضر ǐ ₇ £ 45 ̃ ᴬ 15,282.02 ɷ

110.03 ̈Ḥ ɢ ‰ ᴬ ʒ ᴵ

ᴰ 2020 12 ǖ ̣ Ù

” n ᾰ 2 ̃ غج

`Ẽ̃ Ҥ Ҥ ¬ 2 ҩ ї̈

`Ẽ̃ Ҥ Ψ 2 Ψ Ҥ Ҥ ₮

Ҥ Ҥ № ġ ¬ 2 Ѡ

¬ 2 ʒ ġ ч T Ҥ ї̈ Ҥ Ψ ї̈ ҁ Ψ ═

Ҥ Ψ □ U ´ ҁ Ψ ═

`Ẽ̃ Ҥ ч 10 ̈Ḥ/ /¬ ╟ Ҥ ї̀ ƀ

β ʒ ʐ ї̈ ’ ї̀ ضي`Ẽ̃ κ ї́ r ⊢ Ҥ

ї̀ ضي`Ẽ̃ κ β ǖ ǖ Ҥ ⊢ `Ẽ̃ ¬ 2

щ ї̀ β ƀ β ҷ

ї̈

2 Ẽ ǖ ̃ ´

1 ̃ Ḡ ’ 1 0 0 1 114.02 477.67 Tm[62C4]>TJET314 57110 Tm[(1)] TJA93655ëÑP~AÇ

ᵀᴱ̃ ᴸ ᵀ̈ Ḡ ᵊ ᵀ̸ ᵀ́ ᵀ̈ Ḡ

Ḡ ᵈ ʒ Ḡ ᵐ ᵈ ʒ ᵖ ᵀ́ ᵐ

ᴸ ʒ ⊢ Ḡ

ᵖ ᵖ̇ ᴳ ᵀ̈ ᵗ ᵖ ᵏ ᵀ̈ ᵗ ᵀ̈ ᵀ̀ ᵀᴱ̃

ᴸ ᵐ ▯ ᴸ ʒ ⊢ Ḡ

A ᵏ ᵊ ᵍ ᵊ ᴺ NEXTERA ENERGY, INC. NEXTERA ENERGY CONSTRUCTORS, LLC NEXTERA ENERGY RESOURCES LLC ᵕ̈ ᴲ ᵇ ᴸ ᵐ ▯ ʜ ⊢ ᴸ Ḡ Ḡ Ḡ 2018 12 28 Ḡ ᵏ U ᵠ ᴳ U 35 ᵠ 2022 9 Ḡ ᵏ 5,000.00 ᵀ̈Ḥ

B ᵏ Glenrowan Sun Farm Pty Ltd. ᵕ̈ ᴲ ᵇ ᴸ ᵐ ▯ Ţ ʜ ⊢ ᴸ Ḡ Ḡ Ḡ ᵘ ᵀ̀ ᵖ ᴸ ᵐ ▯ ʜ ⊢ ᵐ ▯ ᵏ 32,242,200.40 ᵀ̈Ḥ 2022 9 ᴸ ᵐ ▯ ᴸ ʜ ⊢ }

G1.850.74886.Tm[(12)]TJETBT/F5 12 Tf1 0 0 21 0 .25 576.59 Tm[35B302C850185A3823]TJETBT/F1 12 Tf225.53 21 0

Ḡ ɷ ʒ Ḡ ɷ ɷ ʒ ɒ ĭ ɷ

2 ˜ Ḡ

ĭ̈ ì `Ẽ ɥ `Ẽ ɥ

Ḡ G `Ẽ Ḥ ĭ ɷ غ 2016

11 G ʎ ˜ ▯ L

ضي h 0.8% ŭ̈ Ḡ ᾰ̈ ɷشي E ƀ ɥ

Ḡ ṽ ⊢ ẽ ĭ `E˜Ḥ

ɿ ĭ `Ẽ ɥ ŭ̈ ɷ h Ţ `Ẽ

5.00 ˜Ḥ نھ ˚ ˚ ṽ ⊢ ʟ ɷ Ḡ ṽ ⊢ ɥ 2019 10

2023 10 ĭ ɷ غ 2019 `Ẽ h ɿ ĭ `E

̃ ʊ ɷ Ḡ 1,000.00 ˜Ḥ ɿ ĭ ɥ `Ẽ ʟ Ḡ Ḡ

ɥ 2.00% ɷشي ĭ̈ ɿ ɷ ĭ `E˜Ḥ

3 ₮ ڤ ˚

2020 ŭ̈ ɷ h ʐ M `Ẽ ŋ `Ẽ

ʐ `Ẽ ₮ ڤ ĭ ɷ غ ĭ̈ ˜ 1.04 ˜Ḥ

ᾰ̈ ɷشي E ĭ `E˜Ḥ

4 ˜ Ṣ

ɿ β ˜Ḥ

˜	˜	Ṣ		ʃ	
			˜		
1		3,000.00 ˜Ḥ	2019-08-30	G 12 ɷ G 2021 1 ĭ̈ ≠	5.20% ≠
2		1,000.00 ˜Ḥ	2019-09-02		
3		1,500.00 ˜Ḥ	2019-06-11		

4

ˎ	ˇ	Ṣ		ʃ	
7		1,500.00 ˝Ḥ	2021-03-10	G 36 Ɑ G 2022 2 ╟ ǐ ≠	3.34188% ≠
8		10,000.00	2021-05-06	G 12 Ɑ G 2022 4 ╟ ǐ ≠	3.50% ≠
9		1,000.00 ˝Ḥ	2021-06-30	G 12 Ɑ G 2022 6 ǐ ≠	2.50% ≠

3.25% غ ̀Ɛ̃ □ Ṣ ≠ ɪ́ ̀Ɛ̈Ḥ

Ţ ₮

ᴝ □ ᴧ ̀Ɛ̃ ̀Ɛ̃ Ţ ɪ̀ 6.25% ɢ

2021 9 “ ʍ ᴅ ⁞ 60 ᴅ ᴜ̈

ɪ̈ᵃᵒ ʒ̣ ” ʏ “ ᴅ ᴜ̈ ” ʍ ˜ ɴ 2014

ɪ̆ᵃᵒ ʒ ᴝ □ ⇔ Ţ h ᴝ □

ᴸ ᴝ □ ⇔ ʳ Ṣ ̈ 2,000.00 ̈Ḥ Ṣ ᴝ

3 ≠ ᴝ 3% ɢ ᴅ ᴜ̈ ɪ́ ̣̣ غ

ᴜ̈ ̣ Ţ ₮ ᴝ ᴝ □ ʃ

ʊ 900.00 ̈Ḥ Ţ Ţ ᴅ ᴜ̈ Ţ ʜ̣ ̃

ᴜ̈ ᴋ ⊢ ą ≠ ᾰ ᴝ □ ⇔ ʳ Ṣ ̣̣ □ ᴝ 3% ɪ́

̀Ɛ̈Ḥ

₮

ᵽ ṗ ̀Ɛ̃ h ᴧ ̀Ɛ̃ ᾰ ʐ ̀Ɛ̃ ʏ “ ”

₮ 8,833.14 ̈Ḥ h ᴝ ᾠ ∃ ᴜ̈ ضر

250MW ᴸ ɪ́ ̣̣ غ ̀Ɛ̃ □ ̣

‰ ≠ ᴜ̆ Ṣ ≠ ɪ́ ̀Ɛ̈Ḥ

5 ̃ ᵃᵒ ʒ ⊢

ᴝ ⁞ □ ʒ ᴧ 2020 7 31 Ţ ᴋ ᴝ ʒ

⊢ ᵃᵒ ᴝ ɪ̀ ɾ ᴅ غ

ᴅ ̃ ڤ ʒ ⊢ ɪ̈ ʒ ⊢ ̃ ᵃᵒ ɪ̈ 2 ʏ

“ ᵃᵒ ” ᴜ̈ ̣ ̀Ɛ̃ Ţ ᴋ ɤ̣ ´ ɪ́ ̣̣

غ

´ Ţ ᵃᵒ ´ ᴇ ʏ´ ◓ ⌈ ṿ ᴝ ᴡ

7

ʊ 2019 2020 2021 غ 2022 1-9 №≢ ʊ 1,879.80
̋Ḥ 3,759.60 ̋Ḥ 3,759.60 ̋Ḥ غ 1,879.80 ̋Ḥ

2019 9 ضم ˥ ĭ ̀Ɛ̃ ̤ ▯
ɣ 2,920.00 ̋Ḥ ɛ ~ نه ᵒᵒ 3 ɷ ɥ ʊ ̀ ʊ
16 ɜ ̀Ɛ̃ ʊ 160.00 ̋Ḥ 2020 2021 غ 2022
1-9 №≢ ʊ 730.00 ̋Ḥ 730.00 ̋Ḥ غ 547.50 ̋Ḥ

2021 9 ضم ˥ ĭ ̀Ɛ̃ ڤU ɷ̤ɷ ▯
ɣ 15,000.00 ̋Ḥ ɛ ₮ نه ڤ ᵒᵒ ɣ 15,805.19 ̋Ḥ ɛ ɷ ą ɜ
ʊ ٣ 209.55 ̋Ḥ 2021 12 3 ɷ ɥ ʊ ̀
ʊ 8 2021 11 ĭ̋ Ţ يج κ ̀Ɛ̃ ̤ ▯
≠ ɥ ⊢ ˥ ì ĭ̀ ˥ ĭ ̀Ɛ̃ ̤ ▯ ŋ ≠
غ ɥ ⊢ 2021 h ˥ ĭ ̀Ɛ̃ ʊ

2021 9 ˥ ĭ ̀Ɛ̃ ڤU ɷ̤ɷ ▯
ɣ 15,000.00 ̋Ḥ ɛ ₮ نه ڤ ᵒᵒ ɣ 15,610.81 ̋Ḥ ɛ ɷ ą ɜ
ʊ ٣ 390.45 ̋Ḥ 2021 12 3 ɷ ɥ ʊ ̀
ʊ 8 2021 ʊ 1,951.35 ̋Ḥ 2022 1 ĭ̋ ˥ ɹ
̤ ▯ ╟ ʊ̤ ▯ ̤ ▯ ╟
´ ɑ̋̋ شي ▯ ▯ ´ ɛ ĭ́ ̀Ɛ̀̀Ḥ

8 ̃ Ḡ

ɷ̣ ˩ ʊ̋ ̣ ̀Ɛ̃
Ḡ ʒ ⊢ ĭ́ ̤ غ ĭ́ ʳ ’

˥ β ̋Ḥ

̣	̃	Ḡ	Ṣ		
1		15,000.00			

̀Ɛ̃

۴	۳	Ḡ	Ṣ		
6		6,000.00	2019-08-27	2020-07-13	5.22% υ

´ ǟ ´ε ί `E¨Ḥ

9 ∟ ´

ϱ ṏ ǖ ¬ غج ¬ h ٧ ĭ `Ẽ ǐ

ì `Ẽ ∟ `Ẽ ∟ ´ ί ⁚ غ

2019 2020 2021 غ 2022 1-9 ǖ ¬ ∟ ´

≠ ₮№≠ ч 329.12 ˝Ḥ 2,749.64 ˝Ḥ 749.96 ˝Ḥ غ 857.88 ˝Ḥ

´ ǟ ´ε ί `E¨Ḥ

10 ˜ ϛ ∟ ⊢

ч ٧ 2021 غ 2022 1-9 `Ẽ ǐ ضر ٧ ضر ٧

№ `Ẽ ⊢ غ ⊢ `Ẽ

∟ ϛ ∟ ⊢ h ů y 0

ڤ `Ɛ̃ ᵸ ą ⊢ ą ضر ´ ضي ⊢

Ţ `Ɛ̃ ڤ ʒ ⊢ ᵛ ڤ `Ɛ̃ №

ᴗ U 2019 غ 2020 ⊢ ï `Ɛ̃

Ƨ ï `Ɛ̃ ï ˜ №≢ ᵸ 130,969.29 غ ˝Ḥ

101,155.07 ˝Ḥ ڤ №≢ ᵸ 30,802.79 غ ˝Ḥ 588.59 ˝Ḥ شخ ï h `Ɛ̃

ᵛ ڤ

ᵽ ṗ `Ɛ̃ ڤ غ شخ E

ᵻ β ˝Ḥ/

	2020			2019		
	E A	r E شخ B	A/B-1	E A	r E شخ B	A/B-1
			ڤ			
ï Ţ ᵻ	2.46	2.45	0.41%	2.81	2.58	8.91%
	0.86	0.95	-9.47%	1.58	1.55	1.94%
ï Ţ ᵻ	4.76	4.41	7.94%	4.93	5.29	-6.81%
	2.33	2.13	9.39%	3.58	3.54	1.13%

2019 غ 2020 ǖ ⊣ ʒ ⊢ ´ E ǖ

⊣ ▯ ᵐ ج´ E ضي ´ E ï `E˝Ḥ

2 ï ɾ ˜ ´

ʒ ⊢ ᵽ ṗ ǖ ⊣ ضي ï ɾ´

,

ᵻ β ˝Ḥ

`Ɛ̃ O	´ ṗ	2022 1-9	2021	2020	2019
1	ڤ	17,674.38	3,307.89	2,083.33	18,788.80
		-	-	2,435.48	27.34
	ȳ ضرحى	-	-	744.09	-
	₮ ڤ	-	-	6.42	-
ᵹ ʒ 2 `Ɛ̃	ï	-	1.56	964.38	33.66
	ȳ ʐ	24.25	47.67	-	-

`Ẽ	O	´	ṗ	2022	1-9	2021	2020	2019

Ţ ضرحى يج ـشي www.landchina.com 2019 1 1 2021 6

30 ǖ ᴎ ʒ ضرحى ضر ₮ ´ ᴇ ᴎ ᴎ 6.40 ̈Ḥ/

̋ -15.60 ̈Ḥ/̋ ̤ ᴡ ᴧ ᴧ ضر ̀Ẽ̃ h

ȳ ضرحى ᴇ ـشي ᴇ ضي ǐ ̀Ẽ̈Ḥ

ǐ

̀Ẽ̃ ǐ h ᴎ 2013 ̀Ẽ̃ ǖ

№ ᴸ ḱ ᴸ ᴳ ᴝ ᴝ غ ᴝ ᴝ ᴝ

ǐ ǖ ᴳ № ᴅ غ

ǐ́ ᴋ ǐ̀ ǐ ᴇ ᴅ ḱ ´ ǐ́ ̤ غ ~

		2022 1-9	2021	2020	2019
-		0.47%	0.15%	0.02%	0.10%

̃ ᵒᵒ 8₋ ¬ . ѽ ∃ ᵭ ᵒᵒ ѽ ∃ └ ̀Ẽ̃ Ồ

8GW ¬ . ᵭ ą ˜ h ᵣ ᴸ ᴧ

ǐ̃ ˜ ᵒᵒ ش ᵒᵒ ǐ̃ ᵒᵒ ج ڤ

ᵹ ᵴ ᵾ U ̀Ẽ̃ ˜ ᵸ ᴪ ᵹ ᵴ ˜

´ p ̀Ẽ̃ ᵹ ᵒᵒ ᴵ غ ᵒᵒ ج ڤ

˜ ╠ ˜ ڤ ᵾ ᵛ ̂

ɢ ᵽ ṗ ᵾ ˜ ڤ´ ɢ ᵾ ʒ

ч ض ǐ ... غ E ᴵ ↕ ч G ش E E

E ´ E ǐ ̀Ẽ¨Ḥ ǐ ᵣ ă “ ᵽ ṗ ˜ ´ ǐ ᵣ ṗ

´ E ̀Ẽ¨Ḥ ض ... ᵾ ¬ Ɋ ˜

ض ч ” 2019-2021 ǐ̃ 2022 1-9 ╠ ˜ ᵡ ̀Ẽ̃ ʒ

ᵖ №≠ ч 4.51% 5.31% 4.55% غ 1.02% ╠ ˜ ڤ ᵡ ̀Ẽ̃

ʒ ~ ᵖ №≠ ч 0.10% 0.02% 0.15% غ 0.47% ᵡ ش ʏ ̀Ẽ̃ ʒ ⊢

ᵾ ᵾ U ᴵ غ ᵒᵒ ج ڤ

˜ ╠ ˜ ڤ ض ᵾ ᵛ ̂ p

ᵣ ˜ ˜ ڤ ᵡ □ ʒ ʒ ~ ᵖ ᴪ ᵾ

ị̌

̀Ẽ̃ ч ˛ ˜ ´ ṗ └ ض ̀Ẽ̃ Ɋ ˜

´ ═ ʐ ƀ ₣ ˜ ᴋ ˜ ʜض ˜ ´ ═ Ɋ ᵹ

└ ƀ ₣ ϑ □ ᴋ ᴪ ʜ ↕ ƜᴪƜ ↕ ˜ ´

└ ̀Ẽ̃ ᵭ ϑ ˜ ´ ═ ǐ ᵣ ᵽ ṗ ̀E

̃ ˜ ´ ˜ ṗ └ ã ɳ U ᵹ ᵾ

̂ ѽ ˜ ´ ̀Ẽ̃ Ɲ Ɋ ᵴ ᴪ ´ ̀Ẽ̃

˜ ɢ ̀Ẽ̃ ˜ ´ ˜ ̀E ̀Ẽ¨Ḥ ᴵ ↕ ш ᴝ

Ḥ ʉ ⊢ ǐ̃ ˜ ṗ ═ Ḡ ᵾ ¬ ш ƀ ɣ ˜ ´ ̀E ̀E

¨Ḥ Ḡ ᵾ ¬ ǐ̃ ì ɾ ᴋ ǐ̀ Ḡ ̀Ẽ̃ ᵒᵒ

ɲ ᴪ ̀E ˜ ´ ᴪ Ɲ

ʖ ̀Ẽ̃ ᵒᵒ

ʜᴜ ᑫ ǐ ŭ ¬ ᴋ ė ᒪ¬ ƀ ǂ ˁ ɢ ė ⁞

ˁ ˊ

ч ⁞ ė ˁ ˊ ̀Ẽ̃ ᴋ ᒪ¬ ı

ı ᐯ ʜᴜ ʜᴜ ¬ 2 ǂ ǐ ᴝ ˁ ɢ ė ⁞ ˁ ˊ

ƀ ǂ

“ ̀Ẽ̃ /20Ea(#~DŸ ├ Ð

ˁ ɣ ǐ ˁ ˊ ᴝ h ˁ Ţ :

ӣ ˁ ˊ ɣ ̀Ẽ̃ / ¬ ˊ ¬ ˬ ǐ ̀Ẽ̃ / ¬ ᒪ

ì ɾ o ʒ ŭ ¬ ǐ ì ̀Ẽ̃ ʯ ض ì ɾ ᴋ ᵥ ɯ ė Ţ ᷉

├ 2 Ψ ˁ ˁ ˊ

ʜᴜ ̀Ẽ̃ / ¬ ǐ ¬ ᒪ o ʒ ƀ ч ŭ ¬ ᴋ / ʜᴜ ʜᴜ

¬ 2 ⁞ ŭ ¬ ǐ ì ̀Ẽ̃ ᵒᵒ ˁ ˊ ʜᴜ ɢ

ˆ ᷒ ᷉ ʌ ᷉ ŭ ˁ ˊ ̀Ẽ̃ / ¬ ǐ ̀Ẽ̃ / ¬ ᒪ ì

ɾ o ʒ ̀E ᷉ ᴇ ̀E ̈Ḥ ė ᴇ ẽ ʌ ↕ ŭ ¬ ̀Ẽ̃ ɯ

ᐯ ᷉ ˊ ᴇ ش ̀E ᷉ ᴇ

Ţ ᐯ¬ ˜ ė ᷉ ̀Ẽ̃ Ţ ᐯ¬ ˜ ė ᷉ ├ ├ˊ ⇔

↕ Ð ˁ ɣ ǐ ŭ ¬ Ḥ

ʯ ⊢ ė W ˁ ʜᴜ ̀Ẽ̃ / ¬ Ḡ ˁ ˊ ŭ ¬ ǐ

ì ˁ ˁ ᴋ ᷉

̀Ẽ̃ / ¬ Ψ ≠ ˁ ˊ ≠ Ψ ŭ ¬

̀Ẽ̃ ч ̦ ̃ ́ ṗ └ ضِ ̀Ẽ̃ Ţ ̃ ́ ═

ʒ ƀ ₣ ̃ ĸ ̃ Ʉضِ ̃ ́ ═ Ţ ̇ ҏ └ ƀ

₣ ϖ ▯ ĸ ψ Ʉ ↕ Ʉ ψ Ʉ ↕ ̃ ́ └

̀Ẽ̃ ð ϖ ̃ ́ ═ ί ᵣ ҏ ṗ ̀Ẽ̃ ̃ ́

̃ ṗ └ ã̃ ŋ

Ѫ U ̀Ẽ̃ ̃ ӈ ψ ̇ Ѫ ̃ ́

ψ ӡ ̀Ẽ̃ ᵖᵒ p ̀Ẽ̃ ̇ᵖᵒ ∕

ġᵖᵒ ҷ ف ̃ ╠ ̃ ق قمم

́ ΰ ∀ ̂ U ̀Ẽ̃ ̇ ΰ ̂

ѽ ̃ ́ ̀Ẽ̃ Ӈ Ţ ҽ ψ ́ ̀Ẽ̃ ̃ G

̀Ẽ̃ ̃ ́ ̃ ̀E ̀E"Ḥ ∕ ↕ ш ↿ Ḥ

ӌ Ⱶ ĭ ̃ ṗ ═ Ḡ ΰ ¬ ш ƀ ġ ̃ ́ ̀E ̀E"Ḥ Ḡ

ΰ ¬ ĭ ̀ı ɾ ĸ ỉ Ḡ ̀Ẽ̃ ᵖᵒ

Ѫ ψ ĭ ̀Ẽ̃ ĸ └

¬ ' ' ↿ Ʉ Ʉ ¬ 2 ₣ ί ̃ G ġ

⋮ ̃ ́

Ч ’

Ḡ ΰ ¬ ψ ▪▪ ├ ́ ⇔

̀Ẽ̃ ├ ΰ 6

1 ϖ ΰ ¬ ҏ ṗ ̃ ́ ↿

2 ϖ ҏ ṗ ΰ ¬ G ̃ ́ Ḥ ̃ ̀E ҏ ð ġ

̃ ́ Ʉ ψ ĭ ĸ ψ ψ ð ́ Ʉ

3 ϖ ΰ ¬ ҏ ṗ ҏ Ⱶ ف ġ

4 ϖ ΰ ¬ Ѫ ̂ № ҏ ĭ ð

5 ϖ ΰ ¬ ف ¬ ϖ ̃ ́ ĭ ɛ

ί ᵣ ṗ

6 ʒ ᴋ ʟ ᵢ ᵢ ᵥ
Ʉ Ʉ ᵣ 2 ₮ ĭ ̃ ɢ غ ⁞ ̃ ´

7 ʒ ├´ ⇔ ̀Ɛ̃ ├ ǖ
̃ № ᴛ ʅ ̤ ̃

Ʉ

Ḡ ǖ ᵣ ᴘ ᵠ

1 ᵽ ṗ ̃ ´ ´ ᴇ ĭ ̀Ɛ̈Ḥ ضي ĭ ̤
ǖ ᵣ ̃ ضي ᵠ

2 ᴛ ᴘ ̀Ɛ ̃ ´ ᴘ Ʉ ǰ
̀Ɛ̃ ᵃᵒ ᴘ ǐ ̀Ɛ̃ ᴋ ʟ ᵢ
ᵢ ᵥ Ʉ Ʉ ᵣ 2 ₮ ĭ ̃ ɢ غ ⁞ ̃
´

3 ᴛ Ʊ ᴘ ᴋ ʟ ǐ ǐ ʟ ǐ
ɪ ᴏ ʒ ≠ ǰ ▯ ʒ Ʌ ̀Ɛ ̃ ´ Ʉ ǰ
̀Ɛ̃ ᵃᵒ

7

1 2022 6 30 4,165.64

41,910.11 10.00 2

2022 6 30 2

15

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̀P ʒ ᴋ 15 ̃

1 ᴋ ´ɑɑɑ ɢ ᵒᵒ ʒ

Ṣ ʏ ɟ ᵖ h ɟ ᴋ ̀Ẽ̃ ₮ ȳ

̣ ᵒᵒ ʒ ᴏ ʒ ᴋ ʒ

2 ɴ ᵒᵒ ʒ ʏ ǖ ʌ ᵒᵒ ʒ ʏ

̣̣̣ ᵒᵒ ʏ ᵒᵒ ̣̣̣ ̀Ẽ̃

h ʒ ᴋ ǐ ǖ h ᵒᵒ ᴋ

3 ̀Ẽ̃ ɣ ᴋ ̀Ẽ̃ ̣̣̣

ɢ ̀Ẽ̃ ⌈ ᵒᵒ 30% ´ ʒ ᴋ

ʏ ǐ ᵖ

4 ǖ Ԧ ψ ═ ╠ ́Ε ɷ ǖ ╠ ~ غ ~ ⊢
ɾ ת Ţ

5 ̀Ẽ̃ ʒ ⊢ 28 ̃

ԧ ǖ Ԧ ψ ═ ╠ ́Ε ɷ ǖ ╠ ~ غ ~
⊢ ’

2022 7 28 ǖ ̣ ɘ ƨ Ԧ ψ ԧ ⅵ ψ ψ
ƨ ǖ ̣ ǖ ̃ ɘ 2022 χ ϰ ψ
ϰ ψ 2022 8 26 ǖ ̣ ɘ ƨ Ԧ ψ
ԧ ⅵ ψ ƨ ǖ ת № ɘ 2022 ضم
χ ϰ ψ ϰ ψ ḱ U ̃

Ԧ ψ ╠ ́Ε ɷ 2022 1 28 ﻋﺠ ₮ ί ̀Ẽ̃ ضي
~ ~ ⊢ ’ ί ̣ ɾ №

1

ǖ ̃ Ԧ ψ ═ ╠ ́Ε ɷ ﻋﺠ ₮ ί ǖ ̣ ضي
ﻳ ʒ Ḡ غ ʒ ⊢ ʒ ⊢

2 ᵒᵒ **ʒ**

ǖ ̃ Ԧ ψ ═ ╠ ́Ε ɷ ﻋﺠ ₮ ί ǖ ̣ ضي
ᵒᵒ ʒ

3 **Ṣ**

ǖ ̃ Ԧ ψ ═ ╠ ́Ε ɷ ﻋﺠ ₮ ί ǖ ̣ ضي
Ṣ

4

ǖ ̃ Ԧ ψ ═ ╠ ́Ε ɷ ﻋﺠ ₮ ί ǖ ̣ ضي

5 **ɣ** ﻓﺠ ᵖ **h** ﻓﺠ **⊢ ̀Ẽ̃ ₮**

ǖ ˜ Ƕ ψ ═ ╠ ´E ɷ ᵹ ₮ ǐ ǖ ˌ ضي ʏ

ᵽ ᴅ h ᵽ ⊢ ˋEˆ̃ ₮

6 ȳ ˩ ᵒᵒ ج

ǖ ˜ Ƕ ψ ═ ╠ ´E ɷ ᵹ ₮ ǐ ǖ ˌ ą

ȳ ʏ ˩ ˩ غ ǖ

ɢ ˩ ʏ ᵒᵒ ج ɢ

´ ᵒᵒ Ӟ ɢ ˩ ᵒᵒ ج Ӟ ᴍ ̧ ═

═ ˮ

2022 9 `E˜ ˆ ï ⊢ ⊢ ↓

ᛋ β ˝Ḥ

ˆ		E ṿ	ʅ G ⊢
1	´ ˚	7,285.83	ʅ
2	´ ṽ	12,996.01	ʅ
3	ï ɾ ḯ	10.00	ʅ
4	ï ɾ	85,795.70	ʅ
5	ï ɾ ˗ ˚	161,826.37	ʅ
6		101,825.87	ʅ
7		54,067.28	ʅ
8	ï ɾ ˗ ˚	123,917.11	ʅ
	˜	**547,724.17**	-

1 ´ ˚

2022 9 `E˜ ´ ˚ ᛋ 7,285.83 ˝Ḥ ʜ ǖ

˗ ȳ ˚ ج ˝ 5,000.00 ˝Ḥ

2,285.83

1 `E˜ ȳ ˚ ج ᛋ ˚ ج ʜ

ᛋ ʒ˝Ḥ№ ≠ ˆ ą ḯ r ’

ᛋ β ˝Ḥ

		·	~	ʃ
ʜ Ţ γ	5,000.00	1.85%-2.25%	2022 9 30	ᛒ

2

2		1,280.01
		12,996.01

3 ỉ ɪ ί

2022 9 `Ē ỉ ɪ ί ч 10.00 ˝Ḥ `Ē ɢ 2010 ʒ

“ ”

2022 9 ᵀᴱ ᵀᵢ ᵀ ᵀ ᵃᵒ ᵘ 161,826.37 ᵛᴴ

2021 8

2022 9 2022 10

4.92

2023 1 2030 12

33.60 2022 9 2026 12

38.28

2 “ ”

2021 12

10 2022 10

2022

2022 9 2026 12 38.28

8 ỉ ɪ ˗ ᵒᵒ

2022 9 ̀Ẽ̃ ỉ ɪ ˗ ᵒᵒ ч 123,917.11 ̈Ḥ ч ʊ

1		123,917.11
		123,917.11

̀Ẽ̃ ض ⊢

Ţ : ’

ψ ˻˻ ̇P ʒ ⊢ 15

ψ ˻˻ ̇P ʒ ⊢ 15 ɔ

1 Ţ ɷ̆ ψ ĭ ⊢´ ̃ ɢ ⊢ ĭ ʒ ⊢ ̃ ʊ̈ ˻ ʔ ̃

2 ʊ̈ ˻ ɒ ɒ̇ Ḥψ ═ ̀Eɒ ɒ ɒ ɣ ̃ Ḥψ ═ ╟´Eɷ ɷ̆ ₮ ĭ ʊ̈ ˻ ʔ ض ⊢

3 ̃ ᵒᵒ ʒ ᵒᵒ ʒ ˪ ȳ ĭ ɷ̆ ᵒᵒ ʒ ɷ̆ ˪ ̃ ᵒᵒ ʒ ∞ ̃ ʔ ɢ ⊢

4 ʊ̈ ˻ ɔ ʊ̈ ˻ ȳ ᵒᵒ ʒ ʰ ʊ̈ ̃ Ḥψ ═ ╟´Eɷ ˙ γ ĭ ʊ̈ ˻ ʔ ض ⊢ ’

Ƕ

Ψ ɥ

1 Ǖ ̃ Ƕ Ψ ═ ╠ ́Ɛ ɷ ɷ ₮ ́ Ǖ ̣ ضي

~ غ ~ ⊢ ’ ˝ ضي ̃ ⊢ ⌊ ת

Ţ ’

2 Ǖ ̣ ضي ⊢

8

8.1 **1**

2

ὖ ̣

̀Ρ ʒ ⊢ ̃ “ ṽ ├ φ ο
ч 1 ὖ ̣ ̀Ε ὖ ̀Ɛ̃ ṽ ĩ ο ʒ ṽ ~ ṽ ├ φ 2 ~
ṽ ├ ᵃᵒ ج ṽ ̀Ε ὖ ĩ ضي ὖ ṽ ├ ɣ ĩ ί
̃Ḥ ṽ ʉ ṽ ~ ṽ ├ φ 3 ṽ ├ φ
̣ ο φ ⌈ ᵃᵒ ̣ ο ⌈ ᵃᵒ ”

ᵹ ₮ ί ̀Ɛ̃ ĩ ì ̀Ɛ̃ ضي ̀Ε ὖ ̀Ɛ̃ ṽ ο ʒ ṽ
~ ṽ ├ ᵃᵒ ج ṽ ̀Ε ὖ ĩ ضي ὖ ṽ ├
ɣ ĩ ί ̃Ḥ ṽ ʉ ṽ

ᵽ ̀Ɛ̃ ̣ ο ṽ ├ φ ч 0 ̃Ḥ ̀Ε ὖ ̃
̀Ɛ̃ ṽ ├ ת 1,000,000.00 ̃Ḥ ὖ ɯ ̀Ɛ̃ ̣
ο ṽ ├ φ 1,000,000.00 ̃Ḥ 2022 9 30
̀Ɛ̃ ̣ ο ⌈ ᵃᵒ 2,544,089.91 ̃Ḥ ṽ ├ φ \ ̀Ɛ̃ ̣
ο ⌈ ᵃᵒ ᵖ ч 39.31% 50%

ṽ ├ φ ο غ ί ʳ ̣ ̀Ρ ʒ ⊢
̃ ὖ U ̀Ɛ̃ ṽ ├ φ ⌈
ᵃᵒ 50%

	2022 1-9	2021	2020	2019
¬ ᵃᵒ ⌈	1,165,016.77	568,363.55	290,843.12	458,925.99
Ĩ ¬ Ĩ E ǰ	20,345.38	-3,330.39	-294.84	-1,920.72
Ĩ E ⌈ ϰ	500,256.54	-25,157.27	154,653.52	

2 ϡ ǖ ¬ ο ʒ Ḥ ⱀ ⱀ ⱀ ⱀ `Ε ⱀ ǖ ¬ ⱀ ṽ ⊢ ’

3 ϡ ǖ ¬ ⱀ `Ẽ ≠ ’ ’ №

4 № ǖ ¬ ṽ ├ φ ο ⱀ ǐ r

ⱨ

Ḡ ⱋ ⱌ

1 ǖ ¬ ṽ ├ φ ο ⱀ ǐ r ¨ ‘Ρ ʒ ⊢ ˜ ǖ U ṽ ├ φ ⌈ ᵒᵒ 50%

2 ǖ ¬ ʊ `Ẽ ṽ ├

8.2

100%

2022 6

10.08%

7.31% 3.68% 21.08%

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`Ẽ U β L ¬ м ǐ ¬ ’

ɥ β ˝Ḥ

2022-03-31 2022-06-30 2022-09-30

ο

ᴏ	2022-03-31		2022-06-30		2022-09-30	
	ᴍ	ᴅ %	ᴍ	ᴅ %	ᴍ	ᴅ %
ᵢ ᵥ	6,681,100	3.42	7,360,164	3.68	7,467,776	3.72
ᵕ	**38,221,853**	**19.58**	**42,108,880**	**21.08**	**50,503,605**	**25.19**

`Ɛ̃ ᵞ ᴸ ᴍ ᴅ ᵓ ᵸ

β ᴸ ƀ ᵴ Ʉ 2 : ⅞ ĩ

ᵕ̃ ᵕ̃ ᴸ ᴸ

2022 9 30 ᵕ̃ 586,207.20 ᴍ ᵥ

ᵕ̃ ᴍ ᴅ ᵴ 58.62% ᵴ ᵕ̃ ᴸ ᴷ ᵢ ĩ ᵢ ᵥ

ᴸ ᴸ ᵕ̃ ᴷ ĩ ᵕ̃ ᴸ

ᵕ̃ ᴜ `Ɛ̃ ᵠ ᵕ̃ ĩ

ᵕ̃ ᵓ `Ɛ̃ ṽ ├ 1,000,000.00 ʺḤ ᴄ

1,000,000.00 ʺḤ ᵴ № ᵓ ṽ ᵕ̃ ᴸ ᴸ

Ẋ 1 ᵞ ᴫ й `Ɛ ᵽ ╠ ʉ ᵥ ɑ´ ᵕ̃

´ ᴛᴇ ᴇ غ ╠ ɑ´ ᵕ̃ ´ ᴛᴇ ᴇ ᴇ 2 ᵞ

2022 9 30 ᵕ̃ 1,000,000 ᵴ ╠ 3 ضي

╠ ᵕ̃ ╠ ᵥ ᴷ ĩ ì 2022 9 30 ’ 4

ᵕ̃ ᵓ ṽ ṇ 5 ᴸ ᴸ ṇ ᴷ

п ᵕ̣ ڤ ì ɪ ᴷ ṇ ᵓ ṽ

ᵞ ᴫ й `Ɛ ᵽ ᵥ 2022 10 29 ╠ ʉ ᵥ ɑ´

`Ɛ̃ ´ ᴛᴇ ᴇ ᵥ 17.00 ʺḤ/ غ ╠ ɑ´ `Ɛ̃ ´ ᴛᴇ ᴇ ᵥ

17.23 ʺḤ/ ᴇ ᵥ ᴇ ᵴ 17.23 ʺḤ/ ᴫ

ᵴ 1,000,000.00 ʺḤ ᵕ̃ ↕ ᵴ 58,038.31

ᴜ `Ɛ̃ ĩ ᵴ 1,058,038.31

G Ẋ ǖ ˇ ṽ ṇ U ǖ ˌ ╠ M ĸ

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ĸ O	╠	╠ ɒ %	U	U ɒ %

ᴍ	O	ᴅ ᴍᴏ %
3	' ˥	3.18 3.86
-	ᴠᴍ	**18.16 29.29**

2022 6 30 ╟ ᴍ O ᴋ ’

ᴍ	ᴋ O		ᴅ
1	**Brilliant Win Holdings Limited**	**20,146,088**	**10.08%**
2	**Yale Pride Limited**	**14,602,628**	**7.31%**
3	Schroder Investment Management (Hong Kong) Ltd.	11,349,652	

й “ ﻃ ṕ ĭ 2022 9 30

ı ĭ ı ˥ ” □ Ҥ к ث ᾧ̃ ̀Ε̃ Ҥ Ψ ̣ 2 Υ

ĭ Ҥ Ψ й ═ ‰ ̊ ̊ ̈ ”

й “ ﻃ ṕ ĭ 2022 9

30 ı ĭ ı ˥ ” □ L ”

2 ̃ ṽ Ψ ĭ ǖ ̣ L ǖ ǵ̣

2022 9 30 ضي ч 6,925.00 ̋Ḥ ̃ ṽ

ĭ 172,000 м Ẋ ̃ ṽ е 19.20

̋Ḥ/ADS ч ̀Ε̃ ṇ ı ĭ ı ˥ ̣

ᴅ 23.48%

β L ̣ ̣ м

╠ ᴍ ҡ Ţ ì ı̀ ҡ شخ ч Ҥ شي ̣ ᴅ ч № ˧ ą

ﻋﺠ ̃ ṽ ṇ ṇ ı ĭ

ı ˥ ̣ ᴅ ̣

Ü̃ ¬ ضي Л й “ Ҥ Ü̃ ’ ” Ӈ “ ̃ ṽ Ü̃

” Ӈ “ E Λ ↕ ĭ̃ ” Ţ ̃ ṽ Ѡ

Ж ̃Ḥ

“ Ü̃ ̃ `Ẽ̃ ṽ ├ Δ E Y G Л й `E ɒ ╟ Ҥ

Ѵ ɑ´ `Ẽ̃ A ´ شخ E ضي Ҥ Ѵ ɑ´ ṗ Ü̃ عج

Ü̃ ̃ ضي Ḋ̃ ṽ Ü̃ ’ й

(5)

(6)

(7)

10

3

(1)

(2)

(3)

(4)

4

10%

10

5

(1)

(2)

(3)

(4)

(5)

24

5

1

10%

6

100

(1) 5%

(2)

(1)

(2)

(1)

(2)

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(4)

(5)

(6)

(7)

”

ˆ ᾿Ε̃ ṽ ├ Ѡ ᴎЖ ̃Ḥ ’

Ü ¬ ضي Л й “ Ҥ Ü ’ ” Ӈ “ Ε Ü ¬ к ”
Ӈ “ Ҥ к ” غ “ Л ═ L ” Ţ ˆ ṽ Ѡ
ᴎЖ ̃Ḥ

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Ţ : ’

1 ᴝ ˆ ᾿Ε̃ ṽ ├ Ѡ ̃

2 ҁ ǖ ¬ м `Ẽ ˆ `Ẽ ṽ ├ ¬ Ψ ↕

3 ҁ м `Ẽ 2022 h ǖ ˆ `Ẽ ṽ ├ ӊ ǐ ˥

ԧ

Ḡ ǖ ¬ Կ

ǖ ¬ ˆ `Ẽ ṽ ├ Ѡ Ж Ꙋ Ꙋ Ж

Ӈ й ҁ ˜Ḥ ǖ ¨ ˆ `Ẽ ṽ ├ Ѡ Ж Ꙋ Ꙋ Ж ˜

عج Ţ Ü̃ ¬ عج ´ Ḥ̃ غ Hʊ Ḡ

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（本页无正文，为[redacted]

关于本次回复报告的声明

本人作为晶科能源股份有限公司的董事长，现就本次回复报告郑重声明如下：

“本人已认真阅读晶科能源股份有限公司本次回复报告的全部内容，确认回复报告不存在虚假记载、误导性陈述或者重大遗漏，并对上述文件的真实性、准确性、完整性承担相应法律责任。”

发行人董事长：

李仙德

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